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BOEING VERTOL CO PHILADELPHIA PA

F/G 1/3

CH-46 COMPOSITE ROTOR BLADE FLIGHT STRESS SURVEY DATA. VOLUME X--ETC(U)

1978 R AIELLO, J BENDO

N00019-75-C-0396

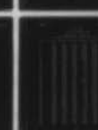
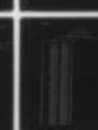
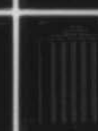
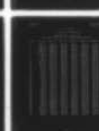
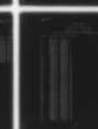
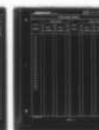
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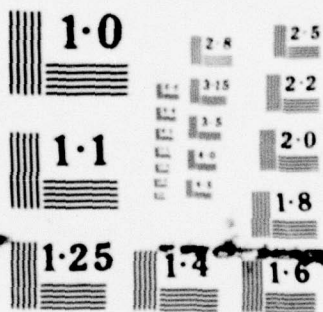
D210-11168-3-VOL-10

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1 OF 4

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NATIONAL BUREAU OF STANDARDS
MICROCOPY RESOLUTION TEST CHART

BOEING

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14

CODE IDENT. NO. 77272

NUMBER D210-11168-3-Volume 10 of 13
VOL-14

6

TITLE CH-46 COMPOSITE ROTOR BLADE FLIGHT
STRESS SURVEY DATA, TABULATED AFT ROTOR

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A DIVISION OF THE BOEING COMPANY

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PHILADELPHIA, PENNSYLVANIA 19142



(14) CODE IDENT. NO. 77272
 NUMBER D210-11168-3-Volume 10 of 13
 VOL-10

(6) TITLE CH-46 COMPOSITE ROTOR BLADE FLIGHT
 STRESS SURVEY DATA, TABULATED AFT ROTOR
 BLADE ANGLES AND LOADS

Volume X.

ORIGINAL RELEASE DATE _____. FOR THE RELEASE DATE OF
 SUBSEQUENT REVISIONS, SEE THE REVISION SHEET. FOR LIMITATIONS
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 IN THIS DOCUMENT, SEE THE LIMITATIONS SHEET.

MODEL CH-46 CONTRACT N00019-75-C-0396

ISSUE NO. ____ ISSUED TO: (15) _____

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 J. / Bendo
 (11) 1978
 (12) 292

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 APPROVED BY R. Aiello / J. Bendo DATE 2-5-79
 K. Lunn
 APPROVED BY L. Marchinski / D. Hardy DATE 2-6-79
 APPROVED BY K. White / W. Weller DATE 2-23-79

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVAL

ACTIVE SHEET RECORD

SHEET NUMBER	REV LTR	ADDED SHEETS				SHEET NUMBER	REV LTR	ADDED SHEETS			
		SHEET NUMBER	REV LTR	SHEET NUMBER	REV LTR			SHEET NUMBER	REV LTR	SHEET NUMBER	REV LTR
1				31				61			
2				32				62			
3				33				63			
4				34				64			
5				35				65			
6				36				66			
7				37				67			
8				38				68			
9				39				69			
10				40				70			
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21				51				81			
22				52				82			
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FORM 40200 (7/57)

ACTIVE SHEET RECORD

SHEET NUMBER	REV LTR	ADDED SHEETS				SHEET NUMBER	REV LTR	ADDED SHEETS			
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91				121				151			
92				122				152			
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95				125				155			
96				126				156			
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112				142				172			
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120				150				180			

FORM 4800 (7/57)

ACTIVE SHEET RECORD											
SHEET NUMBER	REV LTR	ADDED SHEETS				SHEET NUMBER	REV LTR	ADDED SHEETS			
		SHEET NUMBER	REV LTR	SHEET NUMBER	REV LTR			SHEET NUMBER	REV LTR	SHEET NUMBER	REV LTR
181				211				241			
182				212				242			
183				213				243			
184				214				244			
185				215				245			
186				216				246			
187				217				247			
188				218				248			
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203				233				263			
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210				240				270			

FORM 46800 (7/67)

ACTIVE SHEET RECORD

SHEET NUMBER	REV LTR	ADDED SHEETS				SHEET NUMBER	REV LTR	ADDED SHEETS			
		SHEET NUMBER	REV LTR	SHEET NUMBER	REV LTR			SHEET NUMBER	REV LTR	SHEET NUMBER	REV LTR
271											
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FORM 40800 (7/57)

ABSTRACT

This report volume presents tabulated aft rotor blade angles and loads measured during the CH-46 Composite Rotor Blade Flight Stress Survey.

KEYWORDS

CH-46E

Composite

Rotor Blade

Flight Stress Survey

Alternating and Steady Loads

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REFERENCES

1. Vertol Report D210-11168-1 "CH-46 Composite Rotor Blade Flight Test Qualification Test Plan" March 30, 1977
2. Vertol Report D210-11168-2 "CH-46 Composite Rotor Blade Flight Test Report" May 15, 1978
3. Boeing Vertol Report D210-11168-3 Volume 1 of 13, CH-46 Composite Rotor Blade Flight Stress Survey Data
4. Boeing Vertol Report D210-11168-3 Volume 4 of 13, CH-46 Composite Rotor Blade Flight Stress Survey Data, Plotted Aft Blade Angles and Flap Loads
5. Boeing Vertol Report D210-11168-3 Volume 5 of 13, CH-46 Composite Rotor Blade Flight Stress Survey Data, Plotted Aft Blade Chord, Torsion and Absolute Loads

1. INTRODUCTION

A flight stress survey was conducted on a CH-46 helicopter with A02R1702 composite rotor blades. The test was conducted in accordance with Paragraphs 4.3.2 and 4.7 of Reference 1. General test description and pilot comments are included in Reference 2.

The tests were conducted at the Boeing Vertol Flight Test Facility at Ridley Township, Pennsylvania, during the period of June 1977 through November 1977.

2. SUMMARY

A flight stress survey and structural demonstration was conducted on the #1 CH-46E Helicopter, BuNo. 153372 (S/N 2268).

The components under test were the A02R1702 composite rotor blades and the A02R1710 blade socket.

This volume contains measured steady and alternating aft rotor blade angles and loads tabulated by flight and event number. In addition, the associated maximum and minimum aft flap angles are also included. The steady and alternating data is plotted versus true airspeed and can be found in Volumes 4 and 5. ↗

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DATE: 9/6/78

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NUMBER Vol.10

REV LTR

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3. DATA PRESENTATION

This volume contains measured steady and alternating aft rotor blade angles and loads tabulated by flight and event number. In addition, the associated maximum and minimum aft flap angles are also included.

The tabulated angles and load levels represent the maximum angle or load cycle occurring during the particular flight condition. The steady and alternating data is shown plotted versus true airspeed and can be found in Volumes 4 and 5.

Identification and data codes of gage measurements included in this volume and also the order with which the tabulated data is presented can be found in the gage identification table on the next page. This tabulated order is adhered to for all flights. Section 3.3 presents a flight/page number indexing chart for all flights tabulated in this volume.

Detailed flight condition parameters and a complete tabulated summary of maneuvers for each flight can be found in Volume 1 of this report.

3.1 Gage Identification and Tabulation Sequence

Strain gage identification and instrumentation code information for data presented in this volume, as well as the order of tabulated data, are as follows:

<u>DATA CODE</u>		<u>MEASUREMENT</u>	
<u>ACTIVE</u>	<u>SPARE</u>	<u>NAME</u>	<u>UNITS</u>
39010	-	Aft Blade Flap Angle	(DEG.)
39020	-	Aft Blade Lead Lag Angle	(DEG.)
39030	-	Aft Blade Pitch Angle	(DEG.)
49150	69150	Aft Blade Extension Link Flap Bending	(IN-LB)
49710	69710	Aft Blade Flap Bending Station 50.	(IN-LB)
49720	69720	Aft Blade Flap Bending Station 88.	(IN-LB)
49730	69730	Aft Blade Flap Bending Station 136.	(IN-LB)
49740	69740	Aft Blade Flap Bending Station 240.	(IN-LB)
49750	69750	Aft Blade Flap Bending Station 275.	(IN-LB)
49760	69760	Aft Blade Chord Bending Station 50.	(IN-LB)
49770	69770	Aft Blade T.E. Tension Station 88.	(IN-LB)
49780	69780	Aft Blade T.E. Tension Station 159.	(IN-LB)
49790	69790	Aft Blade Torsion Bending Station 52.	(IN-LB)
49800	69800	Aft Blade Torsion Bending Station 138.	(IN-LB)
49810	69810	Aft Blade Torsion Bending Station 242.	(IN-LB)
49820	-	Aft Blade Absolute Top L.E. Station 73.	(μ IN/IN)
49840	-	Aft Blade Absolute Top L.E. Station 240.	(μ IN/IN)
49860	69860	Aft Blade Extension Link Chord Bending	(IN-LB)

- NOTES:
1. A complete description of the instrumentation for this stress survey can be found in Volume 1.
 2. A flight by flight summary of operative gages can be found in Reference 2.
 3. The spare gages were utilized when the active gages proved inoperable.

3.2 Sign Convention

The following table summarizes the sign convention adhered to for the gages presented in this volume.

<u>GAGE MEASUREMENT NAME</u>	<u>(+) POLARITY CONDITION</u>
Aft Blade Flap Angle	Blade Up
Aft Blade Lead Lag Angle	Blade Lagging
Aft Blade Pitch Angle	L.E. Up
Aft Blade Extension Link Flap Bending	Blade Up
Aft Blade Flap Bending Station 50.	Blade Up
Aft Blade Flap Bending Station 88.	Blade Up
Aft Blade Flap Bending Station 136.	Blade Up
Aft Blade Flap Bending Station 240.	Blade Up
Aft Blade Flap Bending Station 275.	Blade Up
Aft Blade Chord Bending Station 50.	Blade Leading
Aft Blade T.E. Tension Station 88.	Blade Leading
Aft Blade T.E. Tension Station 159.	Blade Leading
Aft Blade Torsion Bending Station 52.	L.E. Up
Aft Blade Torsion Bending Station 138.	L.E. Up
Aft Blade Torsion Bending Station 242.	L.E. Up
Aft Blade Absolute Top L.E. Station 73.	Tension
Aft Blade Absolute Top L.E. Station 240.	Tension
Aft Blade Extension Link Chord Bending	Blade Leading

3.3 Flight Index Chart

FLIGHT NUMBER	START OF TABULATION SEQUENCE
------------------	------------------------------------

114	PAGE 18
115	25
116	39
117	46
119	53
121	67
122	81
124	88
126	102
127	109
128	116
132	123
133	130
134	144
135	151
136	158
137	165
138	172
139	179
140	193
141	200
142	214
143	228
151	242
161	249
162	256
163	263
166	270
167	277
177	284

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PREPARED BY: J. Bendo
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NUMBER Vol. 10
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4. TABULATED DATA

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VOLUME 10

FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 114
TGW 20800 TCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
1	1.00	.71	1.71	.29	8.26	.12	1
2	3.41	2.90	6.38	.50	12.04	.24	2
3	3.27	3.76	7.52	-.49	12.60	.89	3
4	3.80	3.30	7.31	.01	12.12	.89	4
5	.89	5.14	8.51	-4.25	12.12	1.44	5
6	4.27	9.34	13.61	-5.06	12.00	.93	6
7	3.92	8.98	12.90	-5.06	11.35	2.48	7
9	.64	1.20	1.99	-1.69			9
10	4.12	6.38	10.49	-2.55	14.03	.69	10
11	3.69	3.76	7.52	-.14	12.48	.37	11
12	3.34	4.96	8.37	-1.62	11.18	.45	12
13	3.87	7.12	11.06	-3.32	11.27	.77	13
14	3.65	6.20	9.86	-2.62	12.56	.77	14
15	3.69	6.52	10.21	-3.04	13.34	.89	15
16	3.51	7.05	10.71	-3.54	14.07	.97	16
17	3.55	7.51	11.06	-4.03	13.90	1.06	17
18	3.41	7.65	11.13	-4.25	14.07	1.14	18
19	3.73	8.47	12.27	-4.74	13.62	1.26	19
20	3.97	8.01	11.98	-4.10	12.44	.97	20
21	4.36	7.83	12.27	-4.25	11.22	1.06	21
22	3.37	8.26	12.83	-4.88	13.94	1.02	22
23	3.69	8.57	12.90	-4.88	12.65	1.10	23
24	6.74	11.41	18.14	-5.06	13.05	2.07	24
25	6.10	9.28	15.38	-4.38	14.27	1.34	25

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 114

TSGW 20800 TSCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
1	78.00	1925.00	4154.00	3272.00	1
2	966.50	2222.00	11900.00	8609.00	2
3	966.50	2222.00	10180.00	8265.00	3
4	670.50	2222.00	9147.00	10330.00	4
5	70.00	2962.00	10010.00	14290.00	5
6	1500.00	2250.00	1399.00	24620.00	6
7	2000.00	4000.00	7942.00	21870.00	7
9	-1996.00	3999.00	6048.00	5166.00	9
10	1411.00	1777.00	13800.00	7404.00	10
11	522.00	1777.00	12760.00	7404.00	11
12	670.50	1926.00	12070.00	7404.00	12
13	1263.00	1926.00	13970.00	7576.00	13
14	522.50	2074.00	12420.00	7749.00	14
15	670.50	2518.00	12420.00	7060.00	15
16	818.50	2370.00	12590.00	6888.00	16
17	966.50	2518.00	13970.00	8265.00	17
18	1263.00	2814.00	13800.00	9470.00	18
19	374.00	3999.00	13450.00	14640.00	19
20	1411.00	2962.00	14480.00	12570.00	20
21	2000.00	2500.00	13970.00	11710.00	21
22	-5698.00	7997.00	15170.00	15320.00	22
23	-1403.00	3999.00	16380.00	13770.00	23
24	2500.00	5000.00	15000.00	33400.00	24
25	-5106.00	7405.00	14830.00	26340.00	25

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 114
TCGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
1	849.70	1058.00	336.50	982.30	-33.72	1429.00	1
2	3318.00	2430.00	1711.00	2750.00	-1925.00	3153.00	2
3	3476.00	2743.00	2183.00	2750.00	-2977.00	4624.00	3
4	2868.00	3958.00	1318.00	3536.00	-2304.00	3363.00	4
5	2731.00	5604.00	1318.00	2829.00	-4406.00	7987.00	5
6	-91.00	8740.00	-332.00	5029.00	-1085.00	7272.00	6
7	418.50	7447.00	1201.00	4125.00	-1170.00	7693.00	7
9	-678.80	2038.00	1554.00	1650.00	1185.00	2396.00	9
10	5083.00	2939.00	2772.00	2790.00	-5162.00	4288.00	10
11	3711.00	2900.00	2026.00	3221.00	-2682.00	4414.00	11
12	3358.00	2625.00	1554.00	3615.00	-3565.00	5633.00	12
13	3985.00	2626.00	1711.00	4165.00	-4280.00	4582.00	13
14	4338.00	3997.00	2045.00	4125.00	-3943.00	3573.00	14
15	4573.00	4154.00	1829.00	4833.00	-4364.00	3741.00	15
16	4412.00	4507.00	1751.00	5304.00	-4490.00	4120.00	16
17	3867.00	6036.00	1161.00	6286.00	-4195.00	5423.00	17
18	3593.00	6623.00	1044.00	6719.00	-4448.00	6011.00	18
19	3593.00	8270.00	414.50	7583.00	-5919.00	7398.00	19
20	3436.00	3410.00	1358.00	4675.00	-4826.00	7146.00	20
21	3632.00	3449.00	1593.00	4597.00	-5625.00	6347.00	21
22	3985.00	5526.00	1433.00	5343.00	-6507.00	10170.00	22
23	4299.00	4977.00	2340.00	5265.00	-5373.00	8365.00	23
24	5318.00	11330.00	3008.00	6954.00	-6340.00	16900.00	24
25	4768.00	10030.00	3597.00	6129.00	-5625.00	13660.00	25

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 114

TGW 20800 TCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
1	144.60	1164.00	3101.00	1727.00	39200.00	1884.00	1
2	-3947.00	3367.00	2429.00	6619.00	39630.00	6377.00	2
3	-3978.00	3840.00	-161.00	7674.00	38330.00	7681.00	3
4	-3191.00	4438.00	510.50	7003.00	38330.00	7971.00	4
5	-4230.00	7553.00	5403.00	8250.00	36010.00	8260.00	5
6	-1744.00	5696.00	798.50	13430.00	41520.00	14350.00	6
7	-1776.00	7365.00	1374.00	13430.00	42390.00	15510.00	7
9	585.20	1542.00	-448.00	5276.00	11810.00	4927.00	9
10	-5961.00	3053.00	990.50	9977.00	39200.00	11450.00	10
11	-4439.00	4690.00	3485.00	8634.00	43980.00	11010.00	11
12	-3852.00	4973.00	3677.00	7099.00	44710.00	8261.00	12
13	-5143.00	3871.00	3772.00	9305.00	44270.00	9275.00	13
14	-5269.00	3053.00	3005.00	9689.00	43260.00	10290.00	14
15	-4150.00	3304.00	2909.00	11510.00	43980.00	12750.00	15
16	-5583.00	3620.00	4348.00	13140.00	44850.00	15070.00	16
17	-5268.00	4186.00	4636.00	18610.00	45140.00	22320.00	17
18	-4482.00	4595.00	4636.00	19380.00	44850.00	23760.00	18
19	-7125.00	6672.00	3389.00	21390.00	43540.00	25070.00	19
20	-4419.00	5980.00	5403.00	10740.00	45290.00	11450.00	20
21	-4356.00	5098.00	1183.00	10940.00	40940.00	12030.00	21
22	-5489.00	7679.00	6267.00	13530.00	44420.00	15800.00	22
23	-4639.00	7837.00	5212.00	13810.00	44710.00	14930.00	23
24	-4984.00	13080.00	4156.00	27150.00	42090.00	33760.00	24
25	-5521.00	11610.00	3773.00	28300.00	40350.00	32030.00	25

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 114
TSGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
1	24710.00	1985.00	781.50	293.40	527.40	201.40	1
2	25540.00	6120.00	693.50	909.70	156.30	699.70	2
3	25210.00	9097.00	957.60	1115.00	188.10	858.80	3
4	25700.00	7940.00	634.80	1262.00	-34.53	869.30	4
5	22060.00	8271.00	722.80	1702.00	209.30	1368.00	5
6	27520.00	17040.00	517.40	1379.00	368.40	996.60	6
7	27850.00	16710.00	898.90	1585.00	135.10	1251.00	7
9	9569.00	3308.00	341.30	440.20	527.40	286.30	9
10	24210.00	10420.00	106.60	1144.00	-76.94	996.60	10
11	28020.00	10920.00	986.90	1144.00	421.40	710.30	11
12	28510.00	9097.00	781.50	1115.00	145.70	964.80	12
13	25370.00	7940.00	429.40	1585.00	-289.00	1378.00	13
14	26030.00	8270.00	546.80	2172.00	-257.20	1855.00	14
15	26690.00	10920.00	722.80	2758.00	-257.20	2258.00	15
16	27520.00	14060.00	1075.00	2993.00	-151.10	2428.00	16
17	26200.00	20680.00	1192.00	3287.00	-172.30	2597.00	17
18	25700.00	22830.00	1163.00	3433.00	-278.30	2703.00	18
19	26360.00	21830.00	370.50	4049.00	-670.60	3075.00	19
20	26360.00	10590.00	810.90	1907.00	-320.80	1622.00	20
21	25700.00	11250.00	1046.00	1673.00	-161.80	1548.00	21
22	26530.00	15380.00	224.00	2494.00	-469.20	1728.00	22
23	26690.00	12570.00	693.50	1966.00	71.50	1548.00	23
24	28350.00	23410.00	-510.00	6749.00	-422.00	4882.00	24
25	29170.00	31580.00	-422.00	6016.00	-686.70	4617.00	25

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FLIGHT LEADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 114

TMGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
1	308.00	140.50	1031.00	84.41	698.80	93.53	1
2	101.90	590.30	924.00	207.20	854.80	218.30	2
3	195.60	515.30	847.30	207.20	924.90	272.80	3
4	92.53	524.70	939.40	284.00	878.20	210.50	4
5	270.60	833.90	947.10	414.40	1003.00	506.70	5
6	251.80	833.90	1108.00	637.00	784.60	428.70	6
7	139.40	833.90	1116.00	567.90	792.40	483.30	7
9	317.40	187.40	363.80	153.50	550.80	148.10	9
10	73.78	768.30	878.00	191.90	1042.00	265.00	10
11	383.00	627.80	908.70	207.20	917.10	280.60	11
12	214.30	684.00	931.70	199.50	979.50	343.00	12
13	92.53	880.80	916.40	153.50	1003.00	288.40	13
14	92.53	1087.00	916.40	230.30	987.30	226.00	14
15	73.78	1256.00	855.00	230.20	1011.00	249.60	15
16	92.53	1349.00	831.90	222.60	995.10	280.60	16
17	26.94	1471.00	831.90	268.60	987.30	350.80	17
18	-57.41	1480.00	839.60	291.60	995.10	374.10	18
19	-179.20	1733.00	862.70	422.10	1036.00	475.50	19
20	139.40	1021.00	847.30	299.30	1037.00	436.50	20
21	36.31	974.50	847.30	268.60	1050.00	381.90	21
22	-629.00	1658.00	778.20	414.40	1128.00	646.90	22
23	-507.10	1649.00	816.60	360.70	1096.00	537.80	23
24	-85.50	4001.00	755.20	790.50	1174.00	1099.00	24
25	-263.50	3542.00	831.90	744.40	1073.00	873.00	25

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 114
TSGW 20800 TSCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49860SDY	69860ALT	EVENT
1	24950.00	1248.00	1
2	12630.00	3882.00	2
3	6112.00	6794.00	3
4	11930.00	7071.00	4
5	9855.00	12480.00	5
6	18870.00	8735.00	6
7	18170.00	18860.00	7
9	-5258.00	5685.00	9
10	-1791.00	6655.00	10
11	6666.00	5130.00	11
12	14430.00	5407.00	12
13	14290.00	7765.00	13
14	5280.00	7903.00	14
15	-1930.00	9289.00	15
16	-2901.00	10260.00	16
17	-266.00	11790.00	17
18	-1514.00	12200.00	18
19	1259.00	13030.00	19
20	4389.00	9289.00	20
21	10550.00	9567.00	21
22	-5258.00	10680.00	22
23	4309.00	10260.00	23
24	7914.00	18020.00	24
25	-7615.00	13590.00	25

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TGGW 20800 TCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
1	3.83	5.24	9.08	-1.69	14.07	.49	1
2	3.55	6.45	10.14	-2.90	14.43	.69	2
3	3.48	6.09	9.71	-2.62	14.23	.65	3
4	3.48	6.16	9.64	-2.83	14.03	.69	4
5	3.58	5.85	9.43	-2.26	14.15	.57	5
6	3.55	5.88	9.43	-2.33	14.27	.61	6
7	3.23	1.38	4.61	1.85	14.11	.28	7
9	3.30	1.74	5.04	1.56	14.47	.32	9
10	3.44	1.38	4.82	1.99	14.35	.28	10
11	3.27	1.70	4.97	1.56	13.66	.32	11
12	3.37	2.44	5.89	.93	13.34	.41	12
13	3.41	2.34	5.82	1.07	13.38	.37	13
14	3.41	2.34	5.75	1.00	12.44	.41	14
15	3.34	2.48	5.82	.86	12.69	.41	15
16	3.51	2.59	6.10	.93	13.25	.41	16
17	3.44	2.59	6.03	.86	13.86	.28	17
18	3.44	2.59	6.03	.86	12.69	.41	18
19	3.58	3.01	6.60	.43	12.69	.49	19
20	3.69	3.54	7.23	.15	12.56	.53	20
21	3.44	3.01	6.45	.43	11.75	.45	21
22	3.12	2.55	5.68	.57	10.53	.37	22
23	2.84	2.41	5.25	.43	9.68	.32	23
24	3.80	3.65	7.45	.15	11.79	.65	24
25	3.74	3.19	6.95	.50	12.48	.53	25
26	3.62	3.83	7.45	-.21	13.70	.61	26
27	4.22	3.72	7.94	.29	13.38	.61	27
28	3.80	3.15	6.95	.57	12.61	.49	28
29	3.37	2.09	5.46	1.28	12.48	.37	29
30	3.48	2.98	6.45	.50	12.85	.89	30
31	3.41	3.47	7.66	-.06	12.69	.97	31
32	3.41	3.19	6.60	.22	12.00	.77	32
33	4.33	4.68	9.01	-.35	12.52	1.06	33
34	3.44	2.52	5.96	.93	12.20	.41	34
35	3.51	3.22	6.88	.29	13.38	.93	35
36	3.69	2.98	6.67	.71	13.38	1.10	36
37	3.97	3.40	7.38	.43	12.85	.73	37
38	3.90	4.39	8.30	-.49	13.82	.73	38
39	3.94	4.36	8.30	-.42	13.25	.65	39
40	3.94	4.43	8.37	-.49	12.85	.73	40
41	2.59	2.66	5.32	-.06	7.41	.24	41
42	2.59	2.16	4.82	.43	7.37	.20	42
43	2.63	4.53	7.16	-1.91	7.29	.37	43
44	2.02	3.08	6.38	-1.06	7.33	.32	44
45	2.84	2.98	5.82	-.42	7.65	.32	45
46	2.91	7.58	10.49	-4.67	7.45	.69	46
47	4.01	3.01	7.09	1.00	12.89	.28	47
48	3.76	3.69	7.45	.08	12.81	.85	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
49	3.69	3.97	7.66	-.28	13.21	1.18	49
50	4.47	3.83	8.30	.50	13.58	.65	50
51	4.22	6.34	10.56	-3.68	13.78	1.34	51
52	4.93	5.92	10.85	-1.91	7.77	.85	52
53	3.69	6.02	9.93	-2.33	7.37	.61	53
54	3.76	5.53	9.29	-1.98	7.57	.65	54
55	3.14	5.00	8.72	-1.84	7.41	.49	55
56	3.30	5.42	8.72	-2.12	7.41	.41	56
57	3.80	4.85	8.65	-1.06	7.16	.65	57
58	4.65	4.57	9.22	-1.55	8.02	.53	58
59	3.83	4.82	9.57	-1.34	8.10	.77	59
60	3.80	6.77	10.56	-3.32	14.15	.97	60
61	3.74	5.67	9.43	-2.05	12.81	1.10	61

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TSGW 20800 TSCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
1	2744.00	2518.00	13970.00	8609.00	1
2	1411.00	1481.00	15170.00	6715.00	2
3	1263.00	1629.00	16030.00	6199.00	3
4	966.50	1630.00	15350.00	6543.00	4
5	966.50	1333.00	16210.00	5682.00	5
6	1115.00	1481.00	16550.00	5338.00	6
7	818.50	3555.00	15490.00	13090.00	7
9	670.00	3110.00	16720.00	12400.00	9
10	818.00	2962.00	16720.00	11360.00	10
11	670.00	3110.00	15860.00	12230.00	11
12	226.00	2370.00	17410.00	11360.00	12
13	374.50	2222.00	16550.00	10850.00	13
14	226.00	2666.00	18960.00	11540.00	14
15	374.50	3703.00	16720.00	12400.00	15
16	77.50	3703.00	14830.00	12230.00	16
17	670.50	3999.00	13800.00	13260.00	17
18	-514.50	2222.00	15490.00	9642.00	18
19	-366.50	2666.00	16210.00	11190.00	19
20	-514.50	3703.00	14480.00	12910.00	20
21	-514.50	3111.00	14830.00	10850.00	21
22	-218.50	3407.00	14140.00	11540.00	22
23	77.50	3703.00	11900.00	12050.00	23
24	-810.50	3999.00	16030.00	13430.00	24
25	78.00	3999.00	16210.00	14640.00	25
26	-958.50	5036.00	16210.00	19460.00	26
27	-1255.00	4739.00	12760.00	18080.00	27
28	-662.50	3259.00	13970.00	12050.00	28
29	-514.50	2518.00	17580.00	11190.00	29
30	-1107.00	2518.00	15490.00	10680.00	30
31	-1255.00	3554.00	13280.00	13430.00	31
32	-810.50	2518.00	13110.00	9814.00	32
33	-366.50	3851.00	14660.00	15500.00	33
34	-1255.00	3851.00	12250.00	13430.00	34
35	-810.50	3999.00	13280.00	15150.00	35
36	-959.00	4443.00	13110.00	16360.00	36
37	-811.00	3110.00	12590.00	13090.00	37
38	-1255.00	4443.00	15520.00	16700.00	38
39	-1551.00	4147.00	15170.00	14980.00	39
40	670.00	5776.00	12760.00	18770.00	40
41	-810.50	3407.00	9320.00	11880.00	41
42	-1255.00	4147.00	9147.00	13770.00	42
43	-1255.00	3851.00	9147.00	13770.00	43
44	-1255.00	3851.00	9320.00	14640.00	44
45	-662.50	3851.00	7942.00	12910.00	45
46	-22170.00	25180.00	7770.00	13430.00	46
47	-70.00	1481.00	12250.00	5166.00	47
48	226.00	1777.00	12760.00	6715.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TGW 20800 TCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
49	-70.50	2074.00	11210.00	7576.00	49
50	-70.50	2074.00	12760.00	8437.00	50
51	-1255.00	2666.00	6392.00	12050.00	51
52	226.00	6516.00	11560.00	24790.00	52
53	818.50	5628.00	13280.00	19970.00	53
54	78.00	4295.00	8631.00	18420.00	54
55	374.50	5184.00	10870.00	17910.00	55
56	78.00	4887.00	6909.00	15670.00	56
57	78.00	4591.00	8286.00	15320.00	57
58	226.00	5924.00	11210.00	21010.00	58
59	226.00	5332.00	10870.00	24110.00	59
60	670.50	2222.00	11390.00	6715.00	60
61	670.00	4591.00	10870.00	19280.00	61

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TSGW 20800 TSCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
1	3084.00	3370.00	2222.00	2711.00	-4784.00	3825.00	1
2	5278.00	2822.00	2929.00	2397.00	-5289.00	3573.00	2
3	4886.00	2665.00	2454.00	2043.00	-4868.00	3153.00	3
4	4847.00	2783.00	2812.00	2121.00	-4574.00	3279.00	4
5	4808.00	2586.00	2694.00	2082.00	-4784.00	3069.00	5
6	4769.00	2469.00	2576.00	1964.00	-4910.00	3027.00	6
7	4847.00	4037.00	2694.00	2946.00	-4069.00	5045.00	7
9	5043.00	3684.00	2694.00	2789.00	-4280.00	4918.00	9
10	5161.00	3409.00	2890.00	2593.00	-4196.00	4582.00	10
11	4847.00	3566.00	2497.00	2829.00	-4196.00	4834.00	11
12	4494.00	3292.00	2576.00	2907.00	-4196.00	4666.00	12
13	4612.00	3253.00	2576.00	2750.00	-3817.00	4540.00	13
14	4455.00	3880.00	1986.00	3418.00	-3859.00	5423.00	14
15	3593.00	3645.00	2026.00	3693.00	-4027.00	6684.00	15
16	3515.00	4037.00	2419.00	4007.00	-3397.00	7735.00	16
17	4416.00	3606.00	2615.00	3968.00	-1884.00	8407.00	17
18	3593.00	3018.00	1987.00	3339.00	-3691.00	5002.00	18
19	3593.00	3566.00	2262.00	3850.00	-3397.00	5801.00	19
20	3554.00	5251.00	2026.00	4400.00	-3439.00	8449.00	20
21	3515.00	3958.00	1908.00	3261.00	-3103.00	7188.00	21
22	2221.00	3527.00	1908.00	3575.00	-3817.00	5549.00	22
23	2378.00	3762.00	1672.00	4675.00	-3355.00	5759.00	23
24	3319.00	4860.00	1554.00	3850.00	-3229.00	7735.00	24
25	3907.00	4820.00	1712.00	4557.00	-3943.00	7441.00	25
26	4769.00	6153.00	1947.00	4479.00	-3061.00	10680.00	26
27	5082.00	6545.00	1397.00	4400.00	-3692.00	10210.00	27
28	4534.00	4428.00	2065.00	4125.00	-3985.00	6138.00	28
29	4299.00	3723.00	2222.00	3182.00	-3397.00	5296.00	29
30	3906.00	3096.00	2222.00	3418.00	-4406.00	5717.00	30
31	3044.00	4899.00	2301.00	4518.00	-4910.00	7230.00	31
32	3201.00	3645.00	2222.00	3261.00	-4742.00	4876.00	32
33	4299.00	4585.00	1712.00	3850.00	-4448.00	6095.00	33
34	3319.00	3997.00	1711.00	4086.00	-3608.00	7777.00	34
35	3710.00	6506.00	2301.00	4439.00	-5625.00	8617.00	35
36	4377.00	5604.00	2615.00	4754.00	-6423.00	7567.00	36
37	3201.00	5683.00	2183.00	3929.00	-4280.00	7272.00	37
38	4181.00	5957.00	1476.00	4164.00	-4112.00	9626.00	38
39	3750.00	5996.00	1554.00	4479.00	-4028.00	9795.00	39
40	4416.00	7133.00	572.00	5147.00	-4911.00	11270.00	40
41	2143.00	4859.00	572.20	2868.00	-2640.00	3111.00	41
42	2300.00	5330.00	729.40	3182.00	-3649.00	3615.00	42
43	2417.00	4977.00	964.70	3496.00	-3943.00	3321.00	43
44	1433.00	5056.00	729.40	3340.00	-2556.00	5381.00	44
45	2065.00	5016.00	965.10	3104.00	-2892.00	3279.00	45
46	3005.00	5095.00	807.90	3811.00	-3649.00	6306.00	46
47	3946.00	2116.00	2419.00	1807.00	-2472.00	1766.00	47
48	4455.00	2704.00	2537.00	2082.00	-2472.00	3447.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115

TAGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
49	4495.00	2979.00	2340.00	2436.00	-2388.00	4036.00	49
50	4534.00	2782.00	2301.00	2396.00	-1925.00	3153.00	50
51	1672.00	4468.00	2261.00	2750.00	-833.00	6179.00	51
52	2770.00	3152.00	768.60	4400.00	-5162.00	8239.00	52
53	2064.00	6663.00	-528.50	5619.00	-3691.00	6179.00	53
54	2339.00	7016.00	21.50	4440.00	-3775.00	6095.00	54
55	1633.00	6545.00	218.50	4951.00	-3859.00	5675.00	55
56	1908.00	6663.00	179.00	4754.00	-1296.00	5549.00	56
57	1829.00	5957.00	179.00	3968.00	-4153.00	5633.00	57
58	2770.00	7682.00	532.50	5265.00	-1926.00	6684.00	58
59	3044.00	8505.00	964.50	5226.00	-5288.00	7861.00	59
60	4573.00	4389.00	1869.00	5265.00	-3859.00	4078.00	60
61	2809.00	3270.00	3047.00	5972.00	-3313.00	8323.00	61

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TORGW 20800 TDCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
1	-3380.00	2990.00	607.00	9401.00	41230.00	10580.00	1
2	-5929.00	2581.00	-544.50	9977.00	39050.00	10720.00	2
3	-5583.00	2235.00	-161.00	9209.00	41230.00	9710.00	3
4	-5489.00	2392.00	-256.50	9689.00	42100.00	10290.00	4
5	-5300.00	2077.00	31.00	8825.00	43840.00	9130.00	5
6	-5520.00	2109.00	223.00	9017.00	45290.00	9420.00	6
7	-5363.00	3966.00	223.00	10170.00	45580.00	11160.00	7
9	-5332.00	3871.00	1183.00	9977.00	45720.00	11300.00	9
10	-5269.00	3556.00	799.00	9209.00	45000.00	10870.00	10
11	-5206.00	3871.00	1374.00	10360.00	47020.00	11450.00	11
12	-5143.00	3871.00	2430.00	9881.00	49050.00	11160.00	12
13	-4985.00	3714.00	2813.00	10260.00	50070.00	11590.00	13
14	-4199.00	4563.00	3197.00	10070.00	50360.00	11880.00	14
15	-4262.00	5948.00	3197.00	9881.00	51950.00	12030.00	15
16	-4041.00	7554.00	2430.00	10840.00	52530.00	11450.00	16
17	-2626.00	8592.00	1567.00	11130.00	51660.00	11450.00	17
18	-4293.00	4029.00	3005.00	9689.00	50000.00	12000.00	18
19	-3915.00	4721.00	3005.00	10650.00	52390.00	11590.00	19
20	-3915.00	7302.00	3485.00	13620.00	51510.00	15640.00	20
21	-3160.00	6735.00	3197.00	10460.00	52530.00	12900.00	21
22	-4797.00	5287.00	4540.00	10650.00	53110.00	12030.00	22
23	-4954.00	4941.00	3869.00	9785.00	53400.00	11160.00	23
24	-3947.00	7207.00	3485.00	12850.00	50650.00	14780.00	24
25	-3852.00	6924.00	4924.00	12180.00	51950.00	14050.00	25
26	-4860.00	9064.00	2142.00	18800.00	47600.00	20430.00	26
27	-4356.00	8246.00	3197.00	18900.00	50930.00	20860.00	27
28	-2940.00	7396.00	1950.00	13430.00	49780.00	14490.00	28
29	-3915.00	4595.00	4348.00	9881.00	50650.00	12460.00	29
30	-3853.00	5287.00	3868.00	9401.00	51950.00	11450.00	30
31	-4482.00	6672.00	3677.00	15160.00	50790.00	18980.00	31
32	-3412.00	4595.00	2046.00	10460.00	49780.00	11880.00	32
33	-3286.00	5665.00	3581.00	14480.00	52380.00	13330.00	33
34	-4513.00	6452.00	4444.00	10740.00	52530.00	12610.00	34
35	-2405.00	7301.00	607.00	13050.00	51220.00	14780.00	35
36	-4213.00	6515.00	2334.00	11890.00	50070.00	12750.00	36
37	-3538.00	6483.00	1950.00	12280.00	50360.00	14200.00	37
38	-4206.00	8088.00	3293.00	16880.00	49920.00	17820.00	38
39	-4293.00	8183.00	4924.00	17550.00	51520.00	18260.00	39
40	-5363.00	9316.00	2814.00	20240.00	48040.00	22600.00	40
41	-2846.00	3273.00	5116.00	6811.00	56730.00	8982.00	41
42	-2908.00	3588.00	4362.00	7674.00	56580.00	10280.00	42
43	-3097.00	3714.00	5403.00	8633.00	56290.00	10570.00	43
44	-2248.00	4941.00	5787.00	8634.00	55140.00	9420.00	44
45	-3443.00	3305.00	5403.00	8633.00	56290.00	10280.00	45
46	-3255.00	6011.00	3581.00	9881.00	51810.00	10140.00	46
47	-3160.00	2014.00	2142.00	6332.00	45430.00	5507.00	47
48	-3538.00	3084.00	2430.00	8922.00	48760.00	8550.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TGW 20800 TCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
49	-3632.00	3557.00	3101.00	10550.00	47310.00	10580.00	49
50	-3254.00	3242.00	2430.00	7195.00	44420.00	7101.00	50
51	-1492.00	6074.00	1375.00	9785.00	47750.00	8985.00	51
52	-4891.00	7144.00	10100.00	14870.00	53110.00	17820.00	52
53	-4167.00	5350.00	6362.00	11700.00	51080.00	13190.00	53
54	-3381.00	4941.00	5211.00	10550.00	48620.00	12460.00	54
55	-2279.00	6231.00	7034.00	11220.00	49920.00	12320.00	55
56	-1335.00	6105.00	4924.00	10070.00	48620.00	11590.00	56
57	-2562.00	5885.00	4732.00	10840.00	46880.00	11880.00	57
58	-3915.00	7050.00	2238.00	12180.00	53690.00	15210.00	58
59	-2845.00	6861.00	4348.00	13330.00	52820.00	17530.00	59
60	-5741.00	3651.00	4156.00	13140.00	43550.00	15510.00	60
61	-3821.00	6326.00	894.50	13140.00	37600.00	19130.00	61

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TGW 20800 TCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
1	34380.00	10590.00	-832.50	1086.00	124.50	858.80	1
2	33220.00	9759.00	-979.20	1056.00	-23.91	901.20	2
3	34540.00	8436.00	-920.50	939.10	71.53	784.50	3
4	35540.00	8766.00	-656.40	1027.00	135.10	805.80	4
5	37520.00	7774.00	-509.70	939.00	156.30	720.90	5
6	38510.00	7774.00	-392.30	939.00	135.10	763.30	6
7	39340.00	11580.00	-304.30	1262.00	60.91	1050.00	7
9	39180.00	11080.00	-128.20	1321.00	7.88	1060.00	9
10	38850.00	10420.00	-69.50	1203.00	-2.69	943.60	10
11	41330.00	10920.00	253.30	1291.00	113.90	1018.00	11
12	41660.00	10260.00	429.40	1409.00	92.72	1124.00	12
13	42450.00	10260.00	722.80	1350.00	92.69	1060.00	13
14	44300.00	10590.00	898.90	1291.00	177.50	1060.00	14
15	44960.00	10920.00	928.20	1497.00	92.69	1060.00	15
16	45130.00	10420.00	1339.00	2201.00	-108.70	1983.00	16
17	45130.00	10750.00	1075.00	2465.00	-532.80	1919.00	17
18	43970.00	8932.00	1427.00	1409.00	82.09	1262.00	18
19	43640.00	9594.00	1368.00	1526.00	-23.94	1431.00	19
20	42320.00	13890.00	1192.00	2700.00	-649.40	2608.00	20
21	44300.00	11580.00	1133.00	3169.00	-723.70	2809.00	21
22	44970.00	10590.00	1955.00	1585.00	71.47	1357.00	22
23	44290.00	9924.00	2073.00	1702.00	219.90	1293.00	23
24	42980.00	12240.00	1104.00	3551.00	-808.40	3234.00	24
25	42450.00	13230.00	1779.00	1702.00	-246.60	1505.00	25
26	45620.00	22160.00	1309.00	3404.00	-575.20	3064.00	26
27	43810.00	21340.00	1427.00	3169.00	-925.10	3032.00	27
28	43970.00	11910.00	1750.00	1614.00	-34.53	1442.00	28
29	44300.00	10260.00	2161.00	1321.00	113.90	996.60	29
30	43640.00	10920.00	2278.00	1673.00	198.70	1484.00	30
31	42480.00	17040.00	2307.00	1937.00	113.90	1675.00	31
32	42810.00	10420.00	1955.00	1233.00	29.09	1103.00	32
33	42450.00	13560.00	1867.00	1731.00	-182.90	1590.00	33
34	46450.00	11410.00	1955.00	1878.00	-55.72	1845.00	34
35	44800.00	13400.00	1896.00	2700.00	-342.00	2576.00	35
36	42810.00	11410.00	1750.00	2260.00	-448.00	1558.00	36
37	44970.00	11250.00	1926.00	2611.00	-405.60	2385.00	37
38	44290.00	18190.00	1779.00	3580.00	-819.10	3223.00	38
39	44140.00	19680.00	1280.00	3727.00	-936.10	3637.00	39
40	43970.00	23810.00	1075.00	3873.00	-1350.00	3351.00	40
41	44270.00	9594.00	2542.00	1291.00	166.90	1007.00	41
42	48600.00	10590.00	2484.00	1409.00	166.90	1177.00	42
43	47940.00	10590.00	2659.00	1526.00	82.09	1177.00	43
44	50420.00	10090.00	2689.00	2142.00	357.80	1601.00	44
45	48770.00	10420.00	2572.00	1497.00	188.10	1092.00	45
46	44300.00	9263.00	2454.00	1555.00	718.20	1156.00	46
47	49510.00	4466.00	1662.00	1056.00	188.10	498.30	47
48	42150.00	8105.00	1838.00	1174.00	-108.80	943.60	48

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TORGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
49	41820.00	9428.00	1633.00	1144.00	-161.80	826.90	49
50	40660.00	5624.00	1897.00	1056.00	156.30	636.10	50
51	42320.00	9594.00	2513.00	1555.00	538.00	1081.00	51
52	44800.00	16710.00	2571.00	2318.00	-66.31	1601.00	52
53	41990.00	12570.00	2483.00	1937.00	304.70	1187.00	53
54	41990.00	10920.00	1867.00	1614.00	-267.80	1293.00	54
55	40000.00	12240.00	2982.00	2083.00	887.80	1558.00	55
56	39670.00	11250.00	2454.00	1614.00	262.30	1124.00	56
57	39840.00	11740.00	1955.00	1878.00	113.90	1336.00	57
58	44800.00	15050.00	2425.00	1995.00	357.80	1389.00	58
59	45960.00	17200.00	1985.00	1907.00	421.30	1495.00	59
60	36030.00	14560.00	1192.00	3052.00	-98.13	2438.00	60
61	31240.00	22330.00	634.80	1790.00	-246.50	1611.00	61

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TAGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
1	139.40	684.00	808.90	245.60	854.80	249.40	1
2	139.40	777.70	808.90	168.80	1018.00	226.10	2
3	120.70	665.30	824.30	153.50	1026.00	202.70	3
4	167.50	693.40	847.30	161.20	1003.00	210.50	4
5	176.90	609.10	862.60	145.80	1018.00	194.90	5
6	139.40	646.50	862.60	145.80	1011.00	187.10	6
7	64.41	965.10	901.00	322.30	1011.00	327.30	7
9	92.53	955.70	878.00	299.30	979.50	311.80	9
10	64.41	890.20	870.30	276.30	963.90	296.20	10
11	64.44	946.40	924.10	299.30	979.50	311.80	11
12	158.10	927.60	924.00	268.60	979.50	296.20	12
13	158.10	908.90	962.40	260.90	971.70	288.40	13
14	251.80	1021.00	962.40	291.70	971.70	350.80	14
15	111.30	974.50	1016.00	268.60	987.30	428.70	15
16	-160.50	1902.00	1001.00	268.60	932.70	498.80	16
17	-160.40	1771.00	993.10	307.00	808.00	561.20	17
18	111.30	1012.00	1001.00	237.90	924.90	319.60	18
19	17.54	1199.00	1016.00	253.30	917.10	358.60	19
20	-535.20	2258.00	993.10	307.00	909.30	522.30	20
21	-554.00	2558.00	977.80	276.30	885.90	452.10	21
22	-141.70	1153.00	1039.00	230.20	924.90	350.80	22
23	336.10	937.00	1093.00	237.90	917.10	358.60	23
24	-703.90	2914.00	924.00	330.00	893.80	491.10	24
25	-160.40	1527.00	970.10	345.30	963.90	467.70	25
26	-666.40	2783.00	916.40	445.10	862.50	662.50	26
27	-722.70	2895.00	1001.00	437.50	924.90	647.00	27
28	130.00	1237.00	1024.00	291.60	893.70	413.10	28
29	92.53	899.50	924.00	284.00	885.90	327.40	29
30	326.80	1115.00	977.80	245.60	963.90	358.60	30
31	-1.14	1480.00	1031.00	314.70	948.30	467.70	31
32	195.60	983.80	1024.00	230.30	956.10	288.40	32
33	-244.80	1593.00	916.40	399.10	948.30	389.70	33
34	-48.00	1621.00	1032.00	299.30	917.10	467.70	34
35	-507.10	2211.00	931.70	368.40	1011.00	514.40	35
36	-329.10	1509.00	970.10	406.80	1057.00	467.70	36
37	-572.80	2239.00	1001.00	330.00	940.50	491.10	37
38	-835.10	2933.00	985.40	422.10	948.30	592.40	38
39	-853.80	3139.00	1001.00	391.40	932.70	623.60	39
40	-1060.00	2914.00	924.00	422.10	1011.00	732.70	40
41	261.20	730.90	1277.00	330.00	917.10	187.10	41
42	392.40	787.10	1269.00	368.40	971.70	226.00	42
43	336.20	862.00	1208.00	368.40	979.50	218.20	43
44	486.10	974.50	1239.00	353.00	893.70	335.20	44
45	308.00	721.50	1246.00	345.40	940.50	210.40	45
46	420.50	833.90	1193.00	353.00	917.10	389.70	46
47	214.30	290.50	916.40	153.50	808.00	124.70	47
48	-48.03	740.20	901.00	184.20	808.00	218.30	48

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AIRCRAFT SLP1 FLIGHT 115
TGGW 20800 TCGG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
49	-85.50	740.30	939.40	191.90	815.80	241.60	49
50	17.56	449.80	870.30	214.90	792.40	202.70	50
51	176.90	815.20	1039.00	322.30	714.50	374.20	51
52	429.80	993.20	1131.00	614.00	956.10	522.20	52
53	223.70	937.00	1147.00	491.20	987.30	381.90	53
54	158.10	740.30	1039.00	475.80	901.50	374.20	54
55	785.90	1049.00	1101.00	460.50	870.30	343.00	55
56	401.80	665.30	1154.00	422.10	800.20	350.80	56
57	476.70	833.90	1131.00	399.10	963.90	358.60	57
58	504.80	1124.00	1154.00	529.50	917.10	436.50	58
59	317.40	1012.00	1047.00	575.60	1073.00	498.80	59
60	195.60	1359.00	801.30	222.60	948.30	265.00	60
61	-301.00	1293.00	831.90	529.60	847.00	506.70	61

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TGW 20200 TCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	A9860SDY	A9360ALT	EVENT
1	-2624.00	5269.00	1
2	-5119.00	6932.00	2
3	-2762.00	6516.00	3
4	-1791.00	6655.00	4
5	-3594.00	5685.00	5
6	-4980.00	5962.00	6
7	-2346.00	4991.00	7
9	-3871.00	5130.00	9
10	-4842.00	4992.00	10
11	-3039.00	5130.00	11
12	565.50	5130.00	12
13	-404.50	5269.00	13
14	3478.00	6378.00	14
15	3062.00	6517.00	15
16	-821.00	6239.00	16
17	-5396.00	5546.00	17
18	3755.00	5824.00	18
19	2091.00	6378.00	19
20	981.50	7487.00	20
21	9162.00	6517.00	21
22	22060.00	6378.00	22
23	23440.00	6101.00	23
24	6250.00	7764.00	24
25	3339.00	7071.00	25
26	-6090.00	8735.00	26
27	-3317.00	8181.00	27
28	2091.00	7210.00	28
29	3755.00	5824.00	29
30	1259.00	8596.00	30
31	2230.00	10680.00	31
32	6944.00	8458.00	32
33	2368.00	10260.00	33
34	6250.00	6100.00	34
35	-1792.00	9706.00	35
36	-2346.00	10260.00	36
37	1398.00	8458.00	37
38	-4565.00	8874.00	38
39	-2208.00	8458.00	39
40	4725.00	9844.00	40
41	43130.00	4437.00	41
42	42440.00	4298.00	42
43	43130.00	5546.00	43
44	42990.00	5407.00	44
45	43820.00	4853.00	45
46	39530.00	7210.00	46
47	5557.00	3744.00	47
48	3339.00	7071.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 115
TGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	A9860SDY	A9860ALT	EVENT
49	-266.50	8735.00	49
50	-2485.00	6239.00	50
51	-4565.00	11090.00	51
52	48120.00	8596.00	52
53	44100.00	7349.00	53
54	39530.00	6100.00	54
55	44790.00	6378.00	55
56	44930.00	5130.00	56
57	45350.00	6932.00	57
58	52000.00	7210.00	58
59	40630.00	9705.00	59
60	-2207.00	10120.00	60
61	5557.00	10120.00	61

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 116
TOGW 20800 TOCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.49	9.55	14.04	-5.06	12.56	1.10	2
3	3.94	6.48	10.56	-2.55	12.73	.85	3
4	4.88	9.94	14.82	-5.06	12.60	1.70	4
5	3.62	6.45	10.07	-2.97	13.13	.69	5
6	5.68	8.22	13.90	-2.62	14.63	1.38	6
7	4.22	7.97	12.27	-3.75	14.19	.93	7
8	4.90	8.36	13.47	-3.68	10.98	1.14	8
9	4.61	8.79	13.82	-4.18	15.45	1.95	9
10	5.02	10.08	15.10	-5.06	13.25	1.62	10
11	4.12	8.29	12.48	-4.18	14.67	2.07	11
12	4.65	8.75	13.40	-5.06	13.70	1.42	12
13	3.97	8.65	12.62	-4.67	14.59	1.34	13
14	4.82	9.71	14.53	-5.06	14.55	1.38	14
15	3.30	8.33	11.91	-5.02	14.11	1.18	15
16	3.62	7.37	10.99	-3.82	13.66	.97	16
17	3.83	6.94	10.78	-3.25	14.39	.97	17
18	3.27	6.38	9.86	-3.11	13.34	1.30	18
19	3.44	7.12	10.85	-3.68	13.21	1.02	19
20	3.55	6.66	10.28	-3.25	12.56	1.26	20
21	3.55	7.94	11.49	-4.39	13.34	2.19	21
22	3.41	7.02	10.85	-3.89	14.27	1.50	22
23	3.27	8.15	11.70	-4.88	14.23	1.22	23
24	3.43	8.49	12.05	-5.06	13.99	1.79	24
25	3.65	7.05	10.71	-3.40	11.31	.89	25
26	3.09	5.70	8.86	-2.62	10.37	.61	26
27	3.02	5.14	8.30	-2.19	8.79	.49	27
28	4.01	7.62	11.63	-3.61	12.36	1.06	28
29	3.37	2.59	6.03	.79	12.56	.28	29
30	2.95	7.69	11.13	-4.74	8.10	1.02	30
31	3.27	6.09	9.57	-2.83	8.51	.69	31
32	2.91	5.17	8.08	-2.26	7.21	.69	32
33	2.66	3.72	7.31	-1.06	7.53	.45	33
34	3.14	8.11	11.27	-5.02	6.52	1.06	34
35	2.66	4.07	7.16	-1.41	8.02	.45	35
36	4.79	5.63	10.42	-1.84	7.37	.93	36
37	4.51	6.13	10.64	-1.62	7.49	.89	37
38	3.74	6.73	10.71	-2.97	10.05	.69	38
39	3.97	5.67	9.71	-2.05	13.21	.69	39
40	4.24	6.24	10.49	-2.47	12.20	.89	40
41	3.87	5.63	9.71	-1.98	9.93	.57	41
42	1.07	3.61	5.89	-2.97	10.37	.61	42

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 116
TGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	-15920.00	21770.00	16720.00	21350.00	2
3	818.50	5332.00	14310.00	18250.00	3
4	14000.00	32000.00	24820.00	35990.00	4
5	1855.00	4591.00	17930.00	17740.00	5
6	1855.00	6961.00	21540.00	32370.00	6
7	-1107.00	5184.00	20340.00	20490.00	7
8	1115.00	3555.00	19130.00	14460.00	8
9	1411.00	1777.00	17930.00	8437.00	9
10	5000.00	30000.00	23950.00	32370.00	10
11	522.00	2962.00	14480.00	11880.00	11
12		6000.00	18790.00	25140.00	12
13	-70.00	4147.00	15000.00	18250.00	13
14		6000.00	20340.00	26340.00	14
15	-5550.00	9034.00	14660.00	11020.00	15
16	522.50	2370.00	14480.00	7060.00	16
17	966.50	1926.00	15520.00	6715.00	17
18	670.00	3110.00	14480.00	12220.00	18
19	-218.00	2814.00	13110.00	9470.00	19
20	522.00	2666.00	11900.00	11710.00	20
21	374.00	4887.00	13280.00	17220.00	21
22	1263.00	2814.00	14660.00	10680.00	22
23	-1848.00	5036.00	10700.00	10160.00	23
24	8000.00	11000.00	13280.00	25140.00	24
25	374.50	2222.00	13110.00	9470.00	25
26	-366.50	3259.00	10350.00	14640.00	26
27	374.00	3999.00	11040.00	16360.00	27
28	1115.00	4740.00	15520.00	19110.00	28
29	1115.00	1778.00	12250.00	5854.00	29
30	966.50	8442.00	16030.00	30650.00	30
31	966.50	6369.00	14140.00	26690.00	31
32	818.00	5924.00	7770.00	22380.00	32
33	-1255.00	6220.00	2087.00	32200.00	33
34	-2000.00	8000.00	4154.00	31170.00	34
35	-1255.00	5924.00	4843.00	24970.00	35
36	-218.00	10220.00	14480.00	41840.00	36
37	818.50	10070.00	19990.00	47690.00	37
38	374.50	5184.00	17930.00	20150.00	38
39	966.50	4888.00	14140.00	20490.00	39
40	522.50	5036.00	13280.00	19280.00	40
41	966.50	5480.00	14480.00	24970.00	41
42	-218.50	2222.00	7081.00	8954.00	42

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 116
TOGW 20800 TCCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	5592.00	7054.00	3283.00	5422.00	-4364.00	11560.00	2
3	5043.00	5644.00	2969.00	4793.00	-4616.00	9038.00	3
4	5944.00	11170.00	2262.00	8330.00	-3145.00	16230.00	4
5	5396.00	7015.00	3558.00	5618.00	-2977.00	10510.00	5
6	5200.00	9014.00	2340.00	7308.00	-6255.00	13030.00	6
7	5278.00	6114.00	2183.00	6050.00	-5079.00	12860.00	7
8	4808.00	4938.00	964.50	5462.00	-5835.00	8575.00	8
9	5827.00	3527.00	3244.00	3811.00	-5793.00	5759.00	9
10	3671.00	11880.00	1004.00	9508.00	-6886.00	14750.00	10
11	5083.00	5605.00	2104.00	5108.00	-6003.00	5885.00	11
12	3162.00	10350.00	1437.00	6169.00	-5751.00	12950.00	12
13	4063.00	7721.00	1318.00	6758.00	-6507.00	8660.00	13
14	2692.00	10270.00	1083.00	6994.00	-6298.00	12570.00	14
15	4965.00	5330.00	1476.00	6051.00	-5288.00	5423.00	15
16	4490.00	4429.00	1790.00	4872.00	-4195.00	4246.00	16
17	5239.00	3880.00	2419.00	4322.00	-4532.00	3657.00	17
18	4220.00	6153.00	650.50	5933.00	-2808.00	5549.00	18
19	3789.00	4860.00	2497.00	4950.00	-4910.00	4624.00	19
20	2300.00	5408.00	454.00	5343.00	-4826.00	4372.00	20
21	4298.00	8583.00	532.50	7780.00	-4448.00	9626.00	21
22	4573.00	5878.00	2026.00	5657.00	-5456.00	5171.00	22
23	3867.00	5330.00	1397.00	5972.00	-4154.00	4876.00	23
24	1947.00	8035.00	1318.00	8015.00	-917.00	8701.00	24
25	3828.00	4742.00	1751.00	4282.00	-4069.00	4204.00	25
26	2143.00	5800.00	297.00	4872.00	-3565.00	5297.00	26
27	2065.00	6036.00	-292.50	6090.00	-4700.00	5507.00	27
28	3280.00	6623.00	964.50	6562.00	-4826.00	7735.00	28
29	3632.00	2038.00	1472.00	1847.00	-1673.00	2985.00	29
30	3280.00	10070.00	179.00	8997.00	-5289.00	10640.00	30
31	-414.50	9799.00	450.00	7583.00	-4364.00	8870.00	31
32	-1502.00	9994.00	-410.50	8016.00	-2220.00	9164.00	32
33	-2012.00	11760.00	-1216.00	9056.00	-5162.00	8660.00	33
34	653.50	12460.00	414.50	9705.00	-3103.00	10210.00	34
35	-483.50	9289.00	-214.00	8762.00	-4447.00	7777.00	35
36	1633.00	14930.00	22.00	8840.00	-6003.00	11770.00	36
37	2848.00	13400.00	179.00	9940.00	-5962.00	13750.00	37
38	4965.00	7133.00	965.00	5697.00	-749.00	8197.00	38
39	3554.00	6819.00	3086.00	6247.00	-1338.00	8786.00	39
40	2927.00	7682.00	1829.00	5383.00	-1086.00	7693.00	40
41	3593.00	8035.00	1318.00	5972.00	-454.50	9164.00	41
42	732.10	2900.00	690.10	2279.00	-1673.00	3153.00	42

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 116
TGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-3255.00	12490.00	990.50	17650.00	43690.00	19130.00	2
3	-1776.00	9945.00	511.00	14290.00	45860.00	16090.00	3
4	-3444.00	14130.00	1758.00	25520.00	42820.00	26080.00	4
5	-4357.00	10200.00	990.50	12660.00	44850.00	17970.00	5
6	-3979.00	12020.00	127.50	19090.00	43400.00	22030.00	6
7	-7094.00	11420.00	990.50	13620.00	46300.00	16520.00	7
8	-4356.00	7868.00	4348.00	16020.00	43980.00	17970.00	8
9	-7094.00	4626.00	-1120.00	14010.00	40070.00	17530.00	9
10	-5804.00	11960.00	-352.50	28590.00	45280.00	40430.00	10
11	-7440.00	5225.00	4156.00	17170.00	45140.00	21150.00	11
12	-6937.00	10070.00	3869.00	24560.00	45280.00	30000.00	12
13	-7786.00	7711.00	-160.50	18610.00	42390.00	19850.00	13
14	-7786.00	10670.00	2238.00	24850.00	45140.00	30430.00	14
15	-7157.00	5633.00	3676.00	15730.00	45290.00	18690.00	15
16	-4370.00	3966.00	3197.00	11990.00	45000.00	13190.00	16
17	-5835.00	3116.00	1662.00	10650.00	43110.00	11880.00	17
18	-4024.00	5696.00	2238.00	12180.00	43400.00	13910.00	18
19	-5331.00	4123.00	3869.00	13430.00	45860.00	14350.00	19
20	-4307.00	3777.00	2238.00	13140.00	43550.00	14930.00	20
21	-3066.00	7648.00	3581.00	23690.00	42090.00	26520.00	21
22	-5426.00	4469.00	4252.00	16690.00	45860.00	19850.00	22
23	-3286.00	5476.00	4348.00	16400.00	46300.00	18840.00	23
24	-4244.00	7176.00	-352.50	34920.00	40500.00	42030.00	24
25	-5646.00	3557.00	2813.00	10650.00	43980.00	11300.00	25
26	-4356.00	3966.00	2429.00	10460.00	42390.00	11450.00	26
27	-5552.00	6294.00	1854.00	10840.00	41660.00	13040.00	27
28	-4338.00	6515.00	4252.00	14770.00	42390.00	16960.00	28
29	-2971.00	2455.00	415.00	6907.00	43400.00	6087.00	29
30	-4213.00	9536.00	1375.00	20340.00	46290.00	25210.00	30
31	-4199.00	8340.00	1183.00	16500.00	48470.00	20430.00	31
32	-2909.00	8120.00	7993.00	13530.00	47890.00	16960.00	32
33	-3852.00	5980.00	3293.00	13810.00	42680.00	16670.00	33
34	-1587.00	11270.00	4924.00	15830.00	41810.00	20430.00	34
35	-2782.00	6106.00	1470.00	13530.00	42530.00	15650.00	35
36	-4811.00	11200.00	3389.00	32900.00	43830.00	35790.00	36
37	-5364.00	12400.00	1375.00	27050.00	40930.00	30860.00	37
38	-2846.00	9819.00	3101.00	14200.00	39200.00	15510.00	38
39	-3507.00	8340.00	3773.00	12180.00	41520.00	15800.00	39
40	-3286.00	8686.00	-1696.00	14770.00	37890.00	19710.00	40
41	-3286.00	7931.00	1950.00	11130.00	42240.00	13910.00	41
42	-2625.00	2675.00	-160.50	6140.00	38470.00	6087.00	42

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AIRCRAFT SLP1 FLIGHT 116
TSGW 20800 TSCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	29510.00	19680.00	-949.80	2494.00	-766.10	2025.00	2
3	40500.00	16380.00	488.10	1819.00	-182.90	1336.00	3
4	37520.00	26630.00	-832.50	3610.00	-1010.00	3075.00	4
5	41000.00	17200.00	-216.20	2876.00	-1105.00	2258.00	5
6	34710.00	23160.00	253.00	4578.00	-1095.00	3456.00	6
7	35540.00	16710.00	-480.30	3433.00	-1349.00	2863.00	7
8	36200.00	20680.00	253.30	2230.00	-363.20	1728.00	8
9	32890.00	16370.00	312.00	1819.00	-342.00	1622.00	9
10	39340.00	41020.00	-3416.00	7601.00	-528.00	4776.00	10
11	34030.00	18530.00	434.80	2905.00	-543.40	2311.00	11
12	37690.00	27460.00	-1332.00	5987.00	-1090.00	4214.00	12
13	35370.00	14890.00	224.00	3316.00	-522.20	2566.00	13
14	36360.00	27790.00	-715.50	6192.00	-856.30	4448.00	14
15	37030.00	15880.00	605.40	3111.00	-278.40	2513.00	15
16	36690.00	11250.00	898.90	2876.00	-66.34	2301.00	16
17	34200.00	10090.00	781.50	2524.00	-182.90	2078.00	17
18	35210.00	14060.00	722.70	3521.00	-129.90	2597.00	18
19	38180.00	10750.00	1016.00	2641.00	-257.20	2195.00	19
20	35540.00	13400.00	664.10	2817.00	-182.90	2311.00	20
21	32060.00	23160.00	1222.00	4196.00	-87.53	2640.00	21
22	38020.00	18190.00	1045.00	3375.00	-98.13	2608.00	22
23	38180.00	17700.00	986.80	3257.00	-193.50	2619.00	23
24	34040.00	36710.00	928.20	3903.00	-363.20	3022.00	24
25	36360.00	8932.00	605.50	2054.00	-214.80	1771.00	25
26	35210.00	8766.00	488.10	1995.00	-66.31	1707.00	26
27	34710.00	10920.00	664.20	2172.00	-23.94	1686.00	27
28	34380.00	13230.00	429.40	2641.00	-289.00	2078.00	28
29	38350.00	5624.00	1192.00	763.00	315.30	477.10	29
30	37190.00	23320.00	781.50	2935.00	-331.40	2120.00	30
31	38180.00	21010.00	693.50	2788.00	82.09	2110.00	31
32	40330.00	19850.00	869.50	3962.00	230.50	3000.00	32
33	34540.00	18690.00	517.40	2905.00	-405.60	2067.00	33
34	34380.00	20840.00	1163.00	3198.00	-246.50	2417.00	34
35	35040.00	17860.00	370.70	2817.00	-225.40	2142.00	35
36	34870.00	33900.00	-363.00	5018.00	-755.40	3032.00	36
37	34210.00	32580.00	-187.50	4373.00	-405.60	2937.00	37
38	35040.00	17200.00	576.10	2436.00	-554.00	1919.00	38
39	39010.00	18190.00	282.70	2025.00	-331.40	1781.00	39
40	33060.00	22830.00	341.30	2377.00	-225.30	1781.00	40
41	38510.00	15380.00	634.80	1790.00	378.90	1283.00	41
42	35040.00	6285.00	664.20	704.30	516.80	508.90	42

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AIRCRAFT SLP1 FLIGHT 116

TWGW 20800 TOCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	-722.70	1958.00	808.90	552.60	924.90	740.50	2
3	-291.70	1246.00	854.90	445.10	995.10	576.80	3
4	-750.80	2024.00	655.40	874.90	835.90	1013.00	4
5	-994.40	2399.00	808.90	475.80	893.70	662.50	5
6	-835.10	2933.00	785.90	775.10	1065.00	818.40	6
7	-1116.00	3027.00	808.90	491.20	1026.00	795.00	7
8	-66.75	1321.00	847.30	376.10	1089.00	530.00	8
9	55.03	1106.00	762.90	230.30	1026.00	374.10	9
10	-1149.00	3547.00	601.70	805.80	1143.00	896.30	10
11	242.40	1649.00	808.90	322.30	1065.00	381.90	11
12	-825.70	2717.00	747.50	614.00	1042.00	810.60	12
13	-301.00	1687.00	855.00	429.80	1096.00	553.40	13
14	-450.90	2511.00	762.90	598.60	1089.00	810.70	14
15	36.31	1443.00	847.30	314.70	1011.00	358.50	15
16	158.10	1321.00	824.30	230.30	956.10	257.20	16
17	111.30	1181.00	839.60	214.90	1003.00	241.60	17
18	148.80	1537.00	785.90	376.10	901.50	374.20	18
19	-10.53	1359.00	893.30	299.30	1003.00	272.80	19
20	139.40	1321.00	1001.00	314.70	987.30	288.40	20
21	64.44	1621.00	793.60	537.20	963.90	576.80	21
22	148.80	1499.00	770.60	330.00	1018.00	304.00	22
23	92.53	1480.00	885.70	307.00	948.30	311.80	23
24	73.78	2024.00	985.40	683.10	691.10	537.80	24
25	92.53	993.20	878.00	253.30	979.50	265.00	25
26	214.30	1096.00	1001.00	376.00	932.70	327.40	26
27	195.60	1209.00	924.10	406.80	1003.00	335.20	27
28	158.10	1471.00	785.90	452.80	1003.00	475.50	28
29	289.30	459.10	908.70	176.50	792.40	202.70	29
30	130.00	2211.00	1085.00	736.80	1089.00	670.30	30
31	158.10	1546.00	1262.00	698.40	1042.00	545.60	31
32	495.40	1771.00	1177.00	675.40	870.30	545.60	32
33	-48.00	1527.00	1346.00	844.20	1011.00	530.00	33
34	36.31	1818.00	1170.00	867.20	909.30	631.40	34
35	-19.94	1518.00	1231.00	698.40	971.70	491.10	35
36	214.30	2539.00	1024.00	874.90	1135.00	779.40	36
37	139.40	2221.00	924.00	1051.00	1096.00	880.80	37
38	-600.90	1986.00	655.40	552.60	722.30	522.30	38
39	-544.60	1837.00	747.50	537.20	792.40	514.40	39
40	-132.30	1574.00	916.40	552.60	722.30	475.40	40
41	-48.03	983.80	808.90	629.30	706.70	569.00	41
42	298.70	374.80	1031.00	237.90	808.00	187.10	42

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 116
TGGW 20800 TBCG 22.4 FWD FLIGHT DATE 08/02/77

EVENT	69860SDY	69860ALT	EVENT
2	4587.00	10810.00	2
3	3755.00	9983.00	3
4	9162.00	14840.00	4
5	-1792.00	9151.00	5
6	-12050.00	13860.00	6
7	-2317.00	9290.00	7
8	15260.00	11790.00	8
9	-12470.00	16500.00	9
10	3478.00	19410.00	10
11	-5535.00	16780.00	11
12	-1653.00	13170.00	12
13	-5951.00	12480.00	13
14	-6228.00	14420.00	14
15	2091.00	11090.00	15
16	842.50	9567.00	16
17	-4980.00	9289.00	17
18	3061.00	11790.00	18
19	2923.00	10540.00	19
20	8607.00	11790.00	20
21	3062.00	20100.00	21
22	-2624.00	13030.00	22
23	-3039.00	12060.00	23
24	-3178.00	17750.00	24
25	14370.00	7903.00	25
26	23030.00	6239.00	26
27	24260.00	5824.00	27
28	7221.00	9290.00	28
29	8469.00	4437.00	29
30	45210.00	10950.00	30
31	44600.00	8457.00	31
32	44650.00	7626.00	32
33	44180.00	6455.00	33
34	49370.00	10400.00	34
35	44240.00	7487.00	35
36	45630.00	16360.00	36
37	29940.00	13450.00	37
38	10620.00	8319.00	38
39	8884.00	7071.00	39
40	-11220.00	8596.00	40
41	11800.00	7487.00	41
42	26490.00	4992.00	42

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 117
TORG 24300 TORG 4.4 FWD FLIGHT DATE 08/04/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
1	*****						1
2	4.38	2.84	7.22	1.27	13.56	.32	2
17	2.91	2.77	7.43	-1.04	14.77	1.29	17
18	4.10	2.35	6.59	1.69	13.04	.28	18
19	4.10	3.12	7.50	.71	13.60	.93	19
20	4.17	3.96	8.13	.22	14.85	.57	20
21	4.26	9.05	13.31	-4.79	12.83	.89	21
23	1.09	2.56	3.65	-1.47	8.67	.12	23
24	1.16	1.30	2.46	-.13	8.67	.12	24
25	.71	3.36	4.07	-2.65	8.47	.16	25
26	1.06	.63	1.69	.43	8.59	.12	26
27	.88	3.05	3.93	-2.16	8.63	.16	27
28	3.58	3.36	7.01	.22	13.92	.53	28
29	4.80	2.70	7.50	.85	13.16	.73	29
30	3.96	5.64	10.09	-1.68	11.30	1.05	30
32	3.96	5.43	9.39	-1.47	12.07	.85	32
33	3.40	4.45	7.92	-1.04	12.11	.81	33
34	4.52	6.76	11.28	-2.44	13.84	.93	34
35	4.10	7.74	12.33	-3.64	12.67	1.21	35
36	4.28	5.74	10.23	-1.53	11.42	.69	36
37	2.07	4.10	6.45	-2.38	11.42	.93	37

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FLIGHT LEADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 117
TGW 24300 TBCG 4.4 FWD FLIGHT DATE 08/04/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
1	*****						1
2	18.51	6.31	1784.00	2956.00	13310.00	8377.00	2
17	11.38	7.12	1340.00	2217.00	10570.00	10430.00	17
18	17.64	6.07	601.00	2069.00	10920.00	9061.00	18
19	18.94	8.36	1488.00	2660.00	13140.00	9232.00	19
20	18.75	8.67	601.00	2955.00	8351.00	11280.00	20
21	17.58	19.26	13290.00	16850.00	13140.00	12650.00	21
23	4.95	4.89	305.50	1774.00	4761.00	4958.00	23
24	5.13	3.34	453.00	1921.00	5103.00	5642.00	24
25	3.71	6.75	453.00	1921.00	3565.00	6155.00	25
26	4.14	2.23	453.50	1626.00	4932.00	3419.00	26
27	4.20	8.11	305.50	2365.00	4932.00	7180.00	27
28	15.14	11.02	1193.00	4138.00	12800.00	18810.00	28
29	15.22	11.45	1784.00	4729.00	13820.00	21880.00	29
30	14.17	8.91	10.00	5911.00	6984.00	24620.00	30
32	15.59	7.49	749.00	5763.00	8522.00	27180.00	32
33	14.05	6.19	896.50	6207.00	7497.00	24790.00	33
34	22.03	8.61	1340.00	5172.00	16220.00	21880.00	34
35	21.04	10.21	1192.00	5024.00	17750.00	22400.00	35
36	20.86	7.80	2523.00	4877.00	16040.00	23420.00	36
37	9.94	8.17	749.00	2512.00	9548.00	10090.00	37

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FLIGHT LOADS

CH-4A FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 117
TGW 24300 TCG 4.4 FWD FLIGHT DATE 08/04/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
1	*****						1
2	3560.00	3072.00	1454.00	3084.00	-3387.00	3104.00	2
17	2199.00	3655.00	1342.00	2928.00	-3554.00	3188.00	17
18	2627.00	3305.00	1147.00	2421.00	-3471.00	3523.00	18
19	2832.00	3033.00	2122.00	1991.00	-2170.00	4656.00	19
20	2238.00	3772.00	990.40	2421.00	-2967.00	3943.00	20
21	3560.00	3850.00	1381.00	3045.00	-2296.00	4949.00	21
23	877.10	1867.00	131.40	1406.00	-450.50	1929.00	23
24	682.60	1828.00	-102.80	1171.00	-240.80	1384.00	24
25	332.60	1711.00	131.40	1406.00	-114.90	2600.00	25
26	721.50	1322.00	92.38	1210.00	94.78	1300.00	26
27	1305.00	2683.00	639.00	1601.00	52.84	2097.00	27
28	2988.00	5522.00	1493.00	5388.00	-3219.00	9311.00	28
29	6282.00	8128.00	2903.00	5974.00	-577.00	11530.00	29
30	2249.00	7428.00	-220.50	6833.00	-2548.00	8388.00	30
32	1071.00	10070.00	1615.00	5075.00	-2296.00	10150.00	32
33	-562.00	8983.00	-298.50	5506.00	-2590.00	8682.00	33
34	4649.00	7427.00	3138.00	6442.00	-2129.00	8976.00	34
35	4399.00	7855.00	2786.00	6091.00	-2129.00	10900.00	35
36	4027.00	8206.00	1615.00	5544.00	-1752.00	8934.00	36
37	2160.00	3694.00	439.00	2850.00	-3513.00	4236.00	37

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 117
TGW 24300 TCG 4.4 FWD FLIGHT DATE 08/04/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
1	#####						1
2	-5607.00	4242.00	1274.00	8531.00	43100.00	8043.00	2
17	-4633.00	2891.00	-2082.00	8244.00	34770.00	8904.00	17
18	-3690.00	2640.00	1657.00	6422.00	42380.00	6176.00	18
19	-3942.00	3959.00	698.50	11020.00	42380.00	11630.00	19
20	-4099.00	3865.00	698.50	9874.00	42090.00	9335.00	20
21	-4978.00	3928.00	1945.00	10350.00	44680.00	10480.00	21
23	-202.40	1728.00	3191.00	2397.00	41800.00	3303.00	23
24	174.70	1163.00	1657.00	2205.00	42950.00	3303.00	24
25	-265.20	2042.00	2808.00	2972.00	42380.00	3591.00	25
26	17.56	942.60	2616.00	2588.00	43100.00	3734.00	26
27	394.60	1822.00	2424.00	2780.00	43100.00	4022.00	27
28	-3753.00	6976.00	-164.50	11690.00	40220.00	13500.00	28
29	-4225.00	9521.00	2616.00	14090.00	43670.00	15510.00	29
30	-2560.00	8421.00	3191.00	13710.00	41230.00	13070.00	30
32	-4476.00	8012.00	2328.00	12850.00	44240.00	16950.00	32
33	-2340.00	7259.00	3287.00	14000.00	41950.00	17810.00	33
34	-3659.00	9960.00	2137.00	15910.00	41520.00	15940.00	34
35	-4413.00	10400.00	2232.00	17930.00	42660.00	18530.00	35
36	-2654.00	8452.00	1849.00	12750.00	43380.00	15220.00	36
37	-4099.00	3865.00	1753.00	6710.00	41950.00	6894.00	37

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 117
TORG 24300 TORG 4.4 FWD FLIGHT DATE 08/04/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
1	*****						1
2	37720.00	7890.00	212.10	906.20	-29.03	623.50	2
17	36740.00	10190.00	621.30	1082.00	-187.50	655.20	17
18	37890.00	6739.00	533.60	1169.00	-7.91	602.30	18
19	39530.00	10350.00	1118.00	1695.00	66.06	1205.00	19
20	38380.00	9862.00	767.50	1345.00	129.50	803.10	20
21	40190.00	10030.00	972.10	1082.00	108.30	845.40	21
23	38550.00	3781.00	1089.00	380.00	-478.20	306.40	23
24	39040.00	3616.00	1147.00	438.50	541.60	285.30	24
25	39200.00	4109.00	1235.00	526.20	531.00	338.20	25
26	39200.00	4438.00	1089.00	438.50	509.90	274.80	26
27	39370.00	5260.00	1031.00	613.90	531.00	443.80	27
28	38050.00	14790.00	855.20	1491.00	-198.10	1300.00	28
29	41180.00	15610.00	796.70	1959.00	-7.91	1427.00	29
30	37070.00	13480.00	621.30	1783.00	-272.10	1458.00	30
32	42660.00	20380.00	767.50	1988.00	87.22	1501.00	32
33	35750.00	19720.00	1001.00	2163.00	182.30	1553.00	33
34	39530.00	17260.00	-255.60	2719.00	-684.20	1955.00	34
35	39200.00	19230.00	-460.30	2982.00	-1043.00	2420.00	35
36	39040.00	17420.00	1031.00	2017.00	-124.20	1331.00	36
37	37400.00	7561.00	1001.00	993.90	97.78	686.80	37

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 117
TORG 24300 TORG 4.4 FWD FLIGHT DATE 08/04/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
1	#####				#####		1
2	117.80	541.00	958.10	222.10	949.80	224.70	2
17	61.84	466.40	973.40	298.70	926.60	201.50	17
18	229.80	410.40	950.50	229.80	911.10	263.50	18
19	136.50	615.70	858.50	260.40	849.10	310.00	19
20	33.88	569.00	896.40	291.00	942.10	294.50	20
21	-3.44	662.30	873.90	291.10	887.80	302.20	21
23	295.10	233.20	1073.00	137.90	748.40	116.30	23
24	285.80	186.60	1096.00	145.50	756.10	77.50	24
25	248.40	279.80	1119.00	153.20	740.60	155.00	25
26	276.40	214.50	1111.00	99.56	709.60	93.00	26
27	295.10	289.20	1104.00	199.20	709.60	139.50	27
28	89.81	848.90	919.80	428.90	949.80	581.20	28
29	-264.60	1185.00	835.60	589.80	771.60	697.40	29
30	211.10	1007.00	873.90	612.80	880.10	527.00	30
32	108.50	1017.00	1019.00	804.30	872.40	627.70	32
33	341.70	1007.00	1188.00	681.70	872.30	519.20	33
34	-1188.00	2090.00	751.30	582.10	833.60	557.90	34
35	-1384.00	2360.00	797.30	582.10	849.10	666.40	35
36	-199.30	1269.00	789.60	681.70	825.90	565.70	36
37	155.10	522.40	973.40	283.40	918.80	286.70	37

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 117
TGW 24300 TBCG 4.4 FWD FLIGHT DATE 08/04/77

EVENT A9860SDY 69860ALT EVENT

1	#####	1
2	1345.00	4973.00 2
17	-8325.00	8841.00 17
18	4593.00	3591.00 18
19	-2661.00	7597.00 19
20	-4391.00	5801.00 20
21	7422.00	7735.00 21
23	34430.00	2211.00 23
24	38780.00	1796.00 24
25	36570.00	2625.00 25
26	36980.00	1934.00 26
27	38500.00	2349.00 27
28	11700.00	7045.00 28
29	15850.00	9255.00 29
30	19720.00	10640.00 30
32	17090.00	10220.00 32
33	24000.00	10500.00 33
34	-4595.00	10080.00 34
35	5074.00	13120.00 35
36	1344.00	7735.00 36
37	19160.00	7874.00 37

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CH-54 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119

TOW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.63	7.62	12.25	-2.99	14.71	.97	2
3	4.59	7.59	12.25	-3.06	13.05	.93	3
5	4.70	8.04	12.74	-3.41	13.78	1.01	5
6	4.31	7.94	12.25	-3.69	14.38	1.05	6
7	4.18	8.28	12.46	-4.18	15.07	1.17	7
8	4.52	9.12	13.65	-4.60	14.99	1.41	8
9	4.56	7.20	11.76	-2.71	12.97	.85	9
10	4.39	6.40	10.78	-2.08	13.18	.72	10
11	4.10	5.91	10.15	-1.80	13.26	.64	11
12	4.39	5.98	10.57	-1.59	13.94	.68	12
13	4.49	5.80	10.36	-1.31	14.02	.68	13
15	4.52	7.24	11.90	-2.85	11.20	.85	15
16	4.39	6.54	10.99	-2.15	10.32	.76	16
17	4.56	5.87	10.43	-1.52	8.51	.64	17
18	5.01	7.24	12.39	-2.29	10.48	1.01	18
19	4.84	7.69	12.53	-2.85	15.47	1.09	19
20	4.80	6.05	11.27	-1.38	14.87	.81	20
21	5.68	8.11	13.79	-2.43	15.91	1.37	21
22	4.87	7.10	11.97	-2.29	13.18	.97	22
23	4.91	6.99	12.04	-2.57	13.70	1.01	23
24	4.49	7.62	12.53	-3.13	14.22	.97	24
25	6.97	9.33	16.30	-2.78	14.79	1.61	25
26	6.55	8.98	15.61	-3.90	15.11	1.45	26
27	5.36	7.38	12.95	-2.85	13.26	1.21	27
28	5.57	8.07	13.65	-2.78	12.97	1.17	28
29	5.61	7.90	13.51	-2.78	13.90	2.49	29
30	5.78	8.49	14.28	-2.78	14.38	2.57	30
31	5.10	9.88	14.98	-4.77	15.11	1.53	31
32	5.31	10.09	15.40	-4.77	14.87	1.61	32
33	5.78	10.52	16.30	-4.77	14.38	1.69	33
34	5.12	9.86	15.12	-4.77	13.94	1.41	34
35	4.28	8.60	12.95	-4.32	13.34	1.21	35
36	4.35	7.41	11.76	-3.06	13.42	.89	36
37	6.39	11.17	17.56	-4.77	13.78	1.81	37
38	5.28	10.05	15.33	-4.77	14.99	1.57	38
39	4.31	7.80	12.11	-3.48	12.37	1.37	39
40	3.97	7.94	12.11	-3.97	12.89	1.09	40
41	4.63	7.90	12.53	-3.34	12.21	1.69	41
42	4.52	7.66	12.18	-3.34	15.59	1.53	42
43	3.98	8.76	12.95	-4.77	14.18	1.17	43
44	4.42	8.74	13.16	-4.32	14.75	2.54	44
45	4.02	8.79	12.88	-4.77	13.82	1.29	45
46	3.74	4.37	8.48	-.68	7.50	.44	46
47	4.80	5.28	10.08	-1.17	7.50	.60	47
48	4.52	6.33	10.85	-1.80	7.54	.81	48
49	5.12	6.08	11.20	-1.24	7.50	1.09	49
50	5.82	5.73	11.55	-1.17	8.43	.97	50

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119
TAGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
51	5.71	5.98	11.69	-0.61	9.91	1.01	51
52	4.77	6.50	11.27	-1.73	10.32	.85	52

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119
TGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	49150SDY	49150ALT	49710SDY	49710ALT	EYENT
2	1581.00	1919.00	15640.00	7852.00	2
3	1286.00	1919.00	16790.00	7362.00	3
5	1433.00	1771.00	16790.00	7035.00	5
6	990.50	1919.00	16620.00	7853.00	6
7	547.50	3247.00	16790.00	13580.00	7
8	253.00	4427.00	17280.00	20940.00	8
9	1433.00	1771.00	16130.00	8343.00	9
10	990.50	1624.00	15970.00	7198.00	10
11	1138.00	1771.00	15480.00	6708.00	11
12	1581.00	2214.00	18750.00	9652.00	12
13	842.50	3247.00	16790.00	11620.00	13
15	843.00	3542.00	12860.00	13910.00	15
16	990.50	3690.00	14010.00	12760.00	16
17	843.00	4427.00	10080.00	15710.00	17
18	1581.00	5460.00	11720.00	18980.00	18
19	1581.00	4280.00	17440.00	19140.00	19
20	990.50	3395.00	19080.00	13580.00	20
21	2614.00	7084.00	19570.00	31410.00	21
22	695.50	4870.00	13520.00	19790.00	22
23	-42.50	3247.00	14990.00	12760.00	23
24	1286.00	3394.00	15320.00	14400.00	24
25	695.50	6641.00	15640.00	27810.00	25
26	1286.00	5756.00	20550.00	26830.00	26
27	105.00	3099.00	14010.00	14400.00	27
28	695.00	3099.00	16620.00	13410.00	28
29	843.00	2656.00	14660.00	12430.00	29
30	695.00	3099.00	13840.00	13910.00	30
31	-4470.00	7969.00	14010.00	27810.00	31
32	-1223.00	8854.00	14010.00	25520.00	32
33	1000.00	3000.00	16620.00	25190.00	33
34	-14800.00	18300.00	14170.00	29280.00	34
35	695.50	2804.00	14500.00	8670.00	35
36	695.50	2509.00	15970.00	11120.00	36
37	-6683.00	13130.00	13840.00	27650.00	37
38	-8307.00	11510.00	15320.00	12430.00	38
39	253.00	2361.00	13190.00	10310.00	39
40	400.00	2804.00	11550.00	9652.00	40
41	695.50	3690.00	10570.00	14230.00	41
42	400.00	2804.00	14460.00	10960.00	42
43	-6536.00	9150.00	12210.00	10310.00	43
44	-190.00	3984.00	13520.00	14890.00	44
45	-15240.00	17860.00	11230.00	12920.00	45
46	-337.50	5313.00	8935.00	19790.00	46
47	-337.50	7674.00	12040.00	28790.00	47
48	547.50	7674.00	12210.00	24700.00	48
49	1433.00	6788.00	10570.00	26340.00	49
50	252.50	9445.00	17280.00	38930.00	50

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119
TAGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
51	-928.00	7969.00	12370.00	29120.00	51
52	400.00	4870.00	10730.00	20290.00	52

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119
TOGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	4908.00	3062.00	2896.00	3458.00	-5516.00	4946.00	2
3	4636.00	2636.00	2469.00	4196.00	-4972.00	5239.00	3
5	5295.00	3528.00	2585.00	4313.00	-5349.00	5030.00	5
6	5489.00	4187.00	2469.00	4429.00	-5601.00	4778.00	6
7	4907.00	6164.00	1925.00	5051.00	-6103.00	7209.00	7
8	4326.00	9149.00	1109.00	6489.00	-6271.00	9808.00	8
9	4520.00	2752.00	2313.00	3808.00	-4930.00	5113.00	9
10	4365.00	2597.00	2352.00	3147.00	-4595.00	5113.00	10
11	4481.00	2791.00	2391.00	2875.00	-4930.00	4778.00	11
12	5179.00	2791.00	2779.00	3264.00	-5349.00	4108.00	12
13	4071.00	4225.00	3129.00	4002.00	-3253.00	6874.00	13
15	4093.00	4652.00	991.50	5207.00	-3631.00	8340.00	15
16	4016.00	4264.00	953.00	5401.00	-4343.00	6874.00	16
17	3357.00	5543.00	-135.00	6411.00	-4972.00	5658.00	17
18	4093.00	6203.00	403.50	6917.00	-4972.00	8005.00	18
19	5605.00	6164.00	3867.00	4740.00	-5978.00	7586.00	19
20	5877.00	4186.00	3945.00	4585.00	-5433.00	8215.00	20
21	5876.00	10160.00	3557.00	6294.00	-4595.00	15000.00	21
22	5218.00	5776.00	3090.00	5517.00	-5643.00	10100.00	22
23	3512.00	4148.00	1925.00	4662.00	-5224.00	9431.00	23
24	4016.00	4264.00	2352.00	4934.00	-5475.00	10100.00	24
25	4636.00	11320.00	3090.00	5673.00	-5475.00	15800.00	25
26	5411.00	8684.00	3245.00	5906.00	-5559.00	15300.00	26
27	3783.00	3877.00	2002.00	4740.00	-6146.00	9011.00	27
28	4403.00	4497.00	2391.00	5284.00	-5182.00	9305.00	28
29	4753.00	4070.00	3285.00	4235.00	-4260.00	7042.00	29
30	4636.00	5350.00	3013.00	4507.00	-3506.00	8299.00	30
31	3667.00	9343.00	1730.00	5479.00	-5056.00	14380.00	31
32	4326.00	9149.00	1925.00	5439.00	-5308.00	13120.00	32
33	5062.00	9343.00	2119.00	6334.00	-5349.00	12830.00	33
34	5528.00	10740.00	1653.00	6023.00	-6314.00	14880.00	34
35	5412.00	4419.00	2119.00	4857.00	-5936.00	4694.00	35
36	4559.00	5350.00	2002.00	4352.00	-4636.00	6832.00	36
37	4442.00	9188.00	992.00	7849.00	-6020.00	15840.00	37
38	4908.00	5776.00	3129.00	5867.00	-5852.00	8550.00	38
39	4908.00	4613.00	2624.00	4352.00	-4134.00	5071.00	39
40	4714.00	4342.00	2313.00	4507.00	-4595.00	4610.00	40
41	4210.00	5698.00	1692.00	4973.00	-3003.00	8718.00	41
42	4636.00	5350.00	1303.00	5596.00	-6564.00	5826.00	42
43	4248.00	5350.00	1808.00	5090.00	-4679.00	6036.00	43
44	4907.00	7327.00	953.00	7188.00	-6523.00	7963.00	44
45	3590.00	6241.00	1847.00	5206.00	-3715.00	8257.00	45
46	2271.00	6862.00	292.50	6917.00	-3254.00	7377.00	46
47	3047.00	8103.00	759.00	8626.00	-5433.00	9975.00	47
48	2930.00	8296.00	214.50	8238.00	-6271.00	9053.00	48
49	3124.00	8723.00	1031.00	7033.00	-6649.00	9011.00	49
50	4248.00	12480.00	1453.00	8277.00	-8157.00	13790.00	50

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119

TGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
51	3318.00	9072.00	1225.00	8781.00	-6817.00	11110.00	51
52	5102.00	6745.00	1691.00	6372.00	-4008.00	8550.00	52

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119
TOGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-4065.00	3796.00	142.50	10990.00	37550.00	13450.00	2
3	-5532.00	4141.00	2532.00	10320.00	40980.00	10870.00	3
5	-7226.00	4078.00	1576.00	11090.00	40690.00	12020.00	5
6	-7602.00	3639.00	1385.00	11850.00	41410.00	13300.00	6
7	-7853.00	5960.00	620.00	15290.00	39980.00	16450.00	7
8	-7571.00	8689.00	3009.00	21120.00	45840.00	26890.00	8
9	-5563.00	3984.00	2341.00	10320.00	40840.00	10730.00	9
10	-4841.00	4141.00	1671.00	9079.00	41690.00	9870.00	10
11	-5281.00	3513.00	1767.00	9175.00	41550.00	9441.00	11
12	-5563.00	3482.00	1958.00	9939.00	41980.00	9298.00	12
13	-4454.00	6211.00	2914.00	11090.00	43120.00	10440.00	13
15	-3869.00	7623.00	4252.00	11660.00	43120.00	13300.00	15
16	-4026.00	6525.00	4729.00	11760.00	42270.00	13020.00	16
17	-3618.00	7184.00	3965.00	13280.00	42120.00	15160.00	17
18	-4717.00	9348.00	3774.00	16150.00	40840.00	17880.00	18
19	-4936.00	8438.00	1480.00	17300.00	41550.00	18310.00	19
20	-4657.00	8031.00	2818.00	13280.00	40840.00	14160.00	20
21	-5061.00	13960.00	1862.00	18640.00	41690.00	26170.00	21
22	-3776.00	9662.00	1672.00	15000.00	42690.00	16020.00	22
23	-3995.00	8501.00	3392.00	11370.00	41690.00	13300.00	23
24	-4779.00	9097.00	4156.00	12330.00	40690.00	15160.00	24
25	-5470.00	12050.00	2436.00	24940.00	41400.00	27600.00	25
26	-7006.00	12270.00	4156.00	20740.00	39980.00	23320.00	26
27	-5688.00	7623.00	3105.00	13000.00	41260.00	14880.00	27
28	-4873.00	7246.00	3870.00	13380.00	41550.00	14020.00	28
29	-5657.00	5584.00	1098.00	15580.00	38550.00	19600.00	29
30	-7508.00	7184.00	2531.00	16820.00	39830.00	21460.00	30
31	-5564.00	11890.00	4252.00	25800.00	42120.00	30890.00	31
32	-4786.00	10850.00	4347.00	25520.00	47120.00	30460.00	32
33	-7414.00	10480.00	1098.00	26860.00	42980.00	35180.00	33
34	-4658.00	12230.00	5494.00	27430.00	47560.00	31750.00	34
35	-7132.00	4172.00	2149.00	12620.00	41690.00	13590.00	35
36	-4724.00	4956.00	3200.00	14240.00	42980.00	16020.00	36
37	-3932.00	12960.00	6354.00	25230.00	53990.00	28750.00	37
38	-7477.00	6839.00	1098.00	23030.00	42120.00	26890.00	38
39	-4967.00	4831.00	2723.00	12230.00	42120.00	13450.00	39
40	-5500.00	4988.00	2340.00	12810.00	41260.00	13450.00	40
41	-2803.00	8187.00	2149.00	17200.00	40980.00	20030.00	41
42	-7602.00	5458.00	1863.00	15390.00	41260.00	18310.00	42
43	-4904.00	6713.00	2054.00	13860.00	41840.00	16880.00	43
44	-7226.00	7403.00	1480.00	27620.00	39830.00	29750.00	44
45	-3493.00	9003.00	907.00	17300.00	41840.00	19170.00	45
46	-4654.00	7403.00	2054.00	13670.00	46700.00	16310.00	46
47	-4999.00	10070.00	1193.00	16630.00	46550.00	21020.00	47
48	-4222.00	7717.00	811.00	17590.00	46690.00	20880.00	48
49	-6724.00	8909.00	5972.00	19690.00	43980.00	22170.00	49
50	-4344.00	10790.00	3296.00	26190.00	48410.00	27460.00	50

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119

TGGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
51	-5124.00	10570.00	4347.00	20930.00	49270.00	28030.00	51
52	-3180.00	9568.00	3774.00	15200.00	42410.00	19740.00	52

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119
TSGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	31190.00	12440.00	-1217.00	1547.00	-494.50	1351.00	2
3	33150.00	9491.00	-953.90	1752.00	-516.10	1567.00	3
5	32330.00	9983.00	-837.20	2160.00	-580.90	1869.00	5
6	32820.00	10800.00	-486.80	2452.00	-483.70	2032.00	6
7	33320.00	13580.00	-662.00	2861.00	-656.60	2356.00	7
8	37570.00	27980.00	-983.50	6394.00	-1138.00	4414.00	8
9	33150.00	10150.00	-224.10	1430.00	-343.20	1351.00	9
10	33640.00	9328.00	97.00	1285.00	-83.84	1178.00	10
11	35280.00	9000.00	155.40	1168.00	153.90	1070.00	11
12	36420.00	9492.00	243.00	1197.00	13.44	1016.00	12
13	37080.00	10150.00	-107.30	1839.00	-321.60	1286.00	13
15	35610.00	10960.00	-194.90	1985.00	-483.70	1729.00	15
16	34300.00	10640.00	-282.50	1898.00	-537.70	1761.00	16
17	33810.00	11130.00	-136.50	2394.00	-591.70	1880.00	17
18	34620.00	16530.00	-136.50	2452.00	-397.20	2183.00	18
19	34790.00	18660.00	38.63	1518.00	-375.60	1189.00	19
20	36100.00	14070.00	-107.30	2657.00	-797.00	2064.00	20
21	37080.00	25860.00	-1217.00	3883.00	-1813.00	3231.00	21
22	37410.00	16040.00	-224.10	2540.00	-721.40	1945.00	22
23	34300.00	12600.00	67.81	1547.00	-202.70	1383.00	23
24	33640.00	13580.00	-457.60	1956.00	-613.30	1815.00	24
25	33320.00	27980.00	-983.50	5401.00	-1522.00	3783.00	25
26	32500.00	22580.00	-1392.00	4058.00	-2007.00	2821.00	26
27	32990.00	13910.00	-165.70	1547.00	-191.90	1329.00	27
28	32500.00	15380.00	-224.10	1956.00	-472.80	1588.00	28
29	31680.00	18820.00	301.40	1839.00	-440.40	1578.00	29
30	32330.00	18820.00	-486.80	3211.00	-1208.00	2691.00	30
31	35120.00	28470.00	-925.00	5868.00	-1084.00	4468.00	31
32	37410.00	27820.00	-1485.00	6277.00	-899.90	4652.00	32
33	38220.00	35180.00	-1217.00	5576.00	-910.70	4641.00	33
34	38220.00	27980.00	-1713.00	6656.00	-1116.00	4436.00	34
35	33480.00	10800.00	-48.94	2540.00	-505.30	2183.00	35
36	34130.00	12440.00	184.60	2306.00	-354.00	1967.00	36
37	43300.00	32400.00	-2852.00	8145.00	-759.40	4793.00	37
38	33810.00	24220.00	-253.30	3153.00	-926.70	3036.00	38
39	35120.00	11450.00	184.60	2306.00	-364.80	1913.00	39
40	34130.00	10150.00	155.40	2102.00	-451.30	1826.00	40
41	32990.00	18820.00	272.20	3036.00	-224.30	2269.00	41
42	35120.00	16040.00	330.60	3503.00	-343.20	2756.00	42
43	34300.00	15220.00	213.80	2803.00	-462.10	2334.00	43
44	32500.00	24870.00	-224.50	4409.00	-602.50	2907.00	44
45	33640.00	17510.00	213.80	2861.00	-62.22	2388.00	45
46	37900.00	14890.00	359.80	2248.00	-213.50	1740.00	46
47	37240.00	19150.00	359.80	2598.00	-548.50	2248.00	47
48	34420.00	19960.00	301.40	2598.00	-602.50	2194.00	48
49	33970.00	22090.00	272.20	2686.00	-256.70	2086.00	49
50	40020.00	27820.00	213.50	4438.00	-753.90	3901.00	50

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119
TGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
51	39370.00	25530.00	943.60	2598.00	-472.80	2150.00	51
52	34790.00	21600.00	-165.70	2073.00	-483.70	1556.00	52

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119
TGGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	-6.81	919.30	716.70	206.70	1049.00	316.80	2
3	-6.78	993.50	816.30	168.40	1026.00	324.50	3
5	11.78	1161.00	770.30	168.40	1034.00	316.80	5
6	30.34	1198.00	747.30	191.40	1057.00	309.10	6
7	197.50	1551.00	770.30	336.80	1088.00	463.60	7
8	-471.10	2498.00	739.70	612.50	1080.00	625.80	8
9	-6.78	993.50	808.60	222.00	1018.00	316.80	9
10	169.60	817.10	793.30	176.10	995.20	324.50	10
11	290.30	826.40	785.60	168.40	995.20	293.60	11
12	141.80	752.10	709.10	229.70	1018.00	255.00	12
13	-452.50	1235.00	739.70	321.50	902.50	401.80	13
15	197.50	1291.00	846.90	367.50	948.90	509.90	15
16	141.80	1216.00	877.50	290.90	964.30	448.10	16
17	-34.66	1337.00	961.70	359.80	1026.00	370.90	17
18	132.50	1857.00	923.50	428.70	1119.00	494.50	18
19	-99.66	1012.00	724.40	505.30	1049.00	471.30	19
20	-1028.00	1848.00	732.10	359.80	1011.00	509.90	20
21	-935.30	2702.00	732.10	803.90	925.70	965.80	21
22	-1093.00	2043.00	808.60	467.00	1042.00	633.60	22
23	-62.50	1662.00	808.60	329.20	987.50	594.90	23
24	-387.50	2117.00	739.70	352.20	972.00	625.80	24
25	-656.80	3129.00	686.10	757.90	1049.00	965.80	25
26	-628.90	2433.00	647.80	673.70	1042.00	958.10	26
27	-164.70	1504.00	808.60	375.10	1042.00	556.30	27
28	-25.38	1328.00	846.90	367.50	1003.00	564.00	28
29	2.50	1151.00	770.30	367.50	941.10	440.40	29
30	-1010.00	2386.00	793.30	375.10	894.80	533.10	30
31	-628.90	3176.00	770.30	627.80	1026.00	896.30	31
32	-693.90	3315.00	716.80	574.20	1018.00	842.20	32
33	-499.30	3659.00	716.80	604.80	1042.00	819.00	33
34	-517.50	3491.00	724.40	719.70	1057.00	942.60	34
35	-6.81	1402.00	747.30	237.30	1057.00	309.10	35
36	48.91	1161.00	800.90	260.30	995.20	432.70	36
37	-1154.00	3626.00	801.00	673.70	1103.00	973.50	37
38	-545.30	2052.00	831.60	352.20	1057.00	556.30	38
39	21.06	1133.00	755.00	275.60	956.60	332.30	39
40	-25.38	1086.00	823.90	252.70	1026.00	293.60	40
41	197.50	1458.00	816.30	367.50	863.90	548.60	41
42	151.10	1690.00	816.30	275.60	1096.00	363.20	42
43	76.78	1356.00	808.60	298.60	987.50	378.60	43
44	-108.90	1783.00	908.20	413.40	1088.00	479.00	44
45	151.10	1597.00	793.30	375.10	910.20	533.10	45
46	262.50	1300.00	1123.00	459.40	1034.00	471.30	46
47	318.20	1746.00	1138.00	643.10	1173.00	625.80	47
48	21.06	1634.00	1084.00	543.60	1142.00	564.00	48
49	76.75	1746.00	977.00	727.30	1127.00	579.50	49
50	-508.20	2572.00	1031.00	903.40	1374.00	857.60	50

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119

TGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
51	-368.90	1820.00	1130.00	681.30	1003.00	703.10	51
52	-452.50	1514.00	732.10	543.60	917.90	556.30	52

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119
TMGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT	69860SDY	69860ALT	EVENT
2	-5476.00	8983.00	2
3	-5304.00	9260.00	3
5	328.50	9813.00	5
6	-3956.00	9951.00	6
7	-8655.00	11060.00	7
8	-6305.00	15620.00	8
9	5027.00	8983.00	9
10	4337.00	7187.00	10
11	3508.00	6634.00	11
12	-2574.00	6910.00	12
13	-3818.00	7049.00	13
15	18020.00	8707.00	15
16	24240.00	8292.00	16
17	26120.00	7463.00	17
18	29770.00	10230.00	18
19	-7411.00	11190.00	19
20	-8517.00	9260.00	20
21	-12800.00	12710.00	21
22	3784.00	10230.00	22
23	52.00	9536.00	23
24	2402.00	9951.00	24
25	-4647.00	13960.00	25
26	-9346.00	14230.00	26
27	-3403.00	10500.00	27
28	6548.00	11330.00	28
29	-1192.00	19350.00	29
30	-4785.00	19900.00	30
31	-7549.00	14650.00	31
32	-6720.00	15480.00	32
33	-2574.00	17970.00	33
34	-1330.00	15340.00	34
35	3507.00	10780.00	35
36	2402.00	8845.00	36
37	1020.00	19620.00	37
38	-6444.00	14930.00	38
39	10560.00	11470.00	39
40	7930.00	9675.00	40
41	4198.00	15060.00	41
42	4060.00	13540.00	42
43	-224.50	11470.00	43
44	-4371.00	21140.00	44
45	1849.00	11890.00	45
46	51050.00	6358.00	46
47	49530.00	8154.00	47
48	47040.00	9260.00	48
49	44970.00	12160.00	49
50	41790.00	12850.00	50

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 119
TGGW 24300 TOCG 13.2 FWD FLIGHT DATE 08/05/77

EVENT A9860SDY 69860ALT FVENT

51	48010.00	9674.00	51
52	-639.00	9121.00	52

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121
TGW 24300 TCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.41	2.25	6.67	1.95	13.68	.25	2
3	4.52	6.02	10.54	-1.57	14.70	.78	3
4	4.66	7.29	12.02	-2.91	15.32	.98	4
5	4.24	6.16	10.47	-1.93	15.40	.73	5
6	4.80	6.37	11.17	-1.85	15.28	.86	6
7	4.41	6.55	10.96	-2.35	15.23	.82	7
8	4.38	5.74	10.26	-1.36	15.44	.69	8
9	4.24	7.22	11.46	-2.98	14.87	.86	9
10	4.38	7.22	11.60	-2.84	12.91	.86	10
11	4.34	7.25	11.60	-2.91	12.78	.90	11
12	4.17	3.13	7.30	1.03	12.99	.53	12
13	4.38	3.91	8.29	.33	13.56	.70	13
14	4.31	4.26	8.57	.05	13.52	.74	14
15	3.95	2.99	7.02	.96	13.31	.61	15
16	3.99	2.82	6.88	1.17	13.72	.61	16
17	4.13	2.89	7.02	1.10	14.34	.57	17
18	4.27	3.59	7.86	.68	14.75	.57	18
19	4.27	3.59	7.86	.47	13.35	.65	19
20	3.92	3.73	7.79	.19	13.97	.61	20
21	5.22	3.98	9.20	.47	13.72	1.51	21
22	4.10	4.61	8.71	-.52	13.52	.65	22
23	4.41	4.86	9.27	-1.36	13.60	1.06	23
24	4.94	6.58	11.67	-1.64	13.44	1.23	24
25	4.41	5.28	9.69	-.87	12.99	1.02	25
26	4.45	3.70	8.15	.54	14.09	1.64	26
28	4.20	3.73	8.07	.47	12.99	.61	28
29	4.10	2.78	6.88	1.24	12.95	.49	29
30	4.13	4.51	8.64	-.38	12.33	1.27	30
31	3.99	3.73	7.72	.19	12.46	1.06	31
32	4.34	4.72	9.06	-.38	13.07	1.92	32
33	4.20	5.07	9.48	-.87	15.15	.98	33
34	5.12	4.79	9.91	.05	13.93	.98	34
35	4.34	3.94	8.43	.40	14.99	.98	35
36	4.38	3.06	7.44	.68	14.50	1.15	36
37	4.41	3.52	7.93	.68	14.30	1.19	37
38	4.24	3.35	7.58	.75	11.43	.53	38
39	3.25	2.64	6.10	.54	9.10	.41	39
40	3.60	2.64	6.45	.54	8.94	.49	40
41	5.15	4.75	9.91	.33	12.54	1.06	41
42	3.29	4.65	7.93	-1.36	7.88	.49	42
43	3.29	5.00	8.29	-1.71	7.26	.53	43
44	2.86	3.73	7.37	-.94	8.45	.57	44
45	3.53	2.64	6.17	.40	8.12	.33	45
46	3.53	3.70	7.72	-.94	8.73	.70	46
47	2.93	3.87	6.81	-.94	7.63	.41	47
48	2.79	4.72	7.51	-1.93	7.59	.45	48
49	3.07	3.87	7.09	-.87	8.08	.53	49

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121
TORGW 24300 TBCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
50	4.69	3.73	8.43	.12	8.32	.78	50
51	4.55	5.70	10.75	-1.29	7.26	.78	51
52	4.41	5.77	10.40	-1.99	7.92	.78	52
53	5.40	7.04	12.44	-2.14	9.10	1.31	53
54	6.17	6.13	12.30	-.16	8.37	.98	54
56	4.38	7.15	11.60	-2.98	11.80	.82	56
57	4.17	7.43	11.81	-3.26	12.33	.86	57
59	4.31	6.94	11.24	-2.77	13.35	.98	59
60	4.03	6.94	11.10	-2.98	13.72	.94	60
61	4.13	7.32	11.46	-3.47	14.42	1.15	61
62	4.06	7.25	11.31	-3.26	14.58	1.15	62
63	5.15	6.80	12.23	-1.78	11.88	1.06	63
64	4.77	6.06	10.82	-1.57	15.28	.86	64

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121
TORGW 24300 TBCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	12.00	2.43	1059.00	3407.00	9482.00	13110.00	2
3	13.56	3.57	1652.00	2222.00	11870.00	9025.00	3
4	13.77	2.51	1800.00	1778.00	14590.00	7323.00	4
5	13.59	2.59	1652.00	1926.00	15780.00	7493.00	5
6	13.90	2.64	1356.00	1630.00	15100.00	7153.00	6
7	14.19	2.67	1356.00	1926.00	15270.00	6301.00	7
8	14.17	2.64	1356.00	1630.00	15270.00	5960.00	8
9	14.33	2.59	1208.00	1778.00	15610.00	6301.00	9
10	13.30	2.46	614.50	1778.00	15780.00	7834.00	10
11	13.09	2.62	615.00	2074.00	15780.00	8855.00	11
12	13.53	4.07	1356.00	4297.00	15780.00	15330.00	12
13	13.98	4.31	1504.00	3852.00	17490.00	16010.00	13
14	14.35	4.36	466.50	4000.00	15950.00	15160.00	14
15	13.61	4.36	1208.00	4741.00	13570.00	15500.00	15
16	13.88	4.31	1059.00	4000.00	12380.00	14650.00	16
17	14.33	4.34	1060.00	4593.00	12890.00	15160.00	17
18	14.41	4.10	-866.50	4741.00	11190.00	16520.00	18
19	14.25	4.63	1208.00	5037.00	12210.00	14820.00	19
20	14.49	4.92	1059.00	4000.00	15270.00	14470.00	20
21	12.74	5.71	318.50	5037.00	9312.00	18050.00	21
22	13.14	5.31	170.50	3704.00	11360.00	14650.00	22
23	13.69	6.93	1356.00	4000.00	16630.00	17540.00	23
24	13.56	5.10	466.50	8741.00	15950.00	38310.00	24
25	14.70	4.86	911.00	5037.00	13740.00	23500.00	25
26	15.33	4.81	318.50	3852.00	18170.00	17370.00	26
28	13.51	5.00	-570.50	5037.00	11700.00	19070.00	28
29	13.38	4.02	318.50	3556.00	16120.00	14650.00	29
30	14.38	6.08	1060.00	3704.00	15780.00	13280.00	30
31	14.38	5.13	-126.00	3111.00	15780.00	13960.00	31
32	13.61	6.11	1356.00	4000.00	20040.00	17200.00	32
33	14.28	4.97	-274.00	5926.00	13230.00	26050.00	33
34	14.94	5.47	22.00	6222.00	15610.00	26390.00	34
35	14.33	4.55	22.00	4148.00	11870.00	14130.00	35
36	15.36	4.52	911.00	3852.00	11870.00	14470.00	36
37	15.44	4.71	911.00	4444.00	12380.00	16690.00	37
38	11.45	4.10	1356.00	3408.00	12550.00	12430.00	38
39	8.04	4.49	-126.00	3407.00	10330.00	11580.00	39
40	7.35	4.44	22.50	3556.00	10500.00	13110.00	40
41	14.06	4.55	911.50	4741.00	11870.00	17540.00	41
42	7.32	5.05	-422.00	5185.00	8971.00	20090.00	42
43	7.69	5.10	-718.50	4889.00	9653.00	17370.00	43
44	9.25	4.92	318.50	7111.00	13230.00	25710.00	44
45	6.71	4.44	-422.00	4296.00	7780.00	15160.00	45
46	9.20	4.92	-126.00	5185.00	12550.00	21970.00	46
47	6.90	4.73	-274.00	5037.00	10160.00	17200.00	47
48	6.53	5.47	-866.50	4741.00	9652.00	16010.00	48
49	6.13	4.97	-422.00	5481.00	10330.00	20430.00	49

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121
TGGW 24300 TCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
50	10.10	4.97	466.50	6667.00	15270.00	27420.00	50
51	6.27	3.89	763.00	6370.00	12210.00	22990.00	51
52	8.01	3.99	-274.00	6814.00	9312.00	23840.00	52
53	8.17	3.25	1059.00	7259.00	14590.00	31840.00	53
54	5.47	3.62	1356.00	6370.00	14250.00	26390.00	54
56	11.29	2.62	22.00	2963.00	12380.00	11580.00	56
57	11.76	2.04	615.00	2074.00	12040.00	8855.00	57
59	13.14	1.51	170.50	2519.00	12720.00	8855.00	59
60	13.56	2.09	318.50	2667.00	12210.00	8004.00	60
61	14.43	2.59	22.00	3259.00	12210.00	11070.00	61
62	14.88	2.56	318.50	2371.00	13400.00	6812.00	62
63	10.28	3.99	1356.00	6963.00	12040.00	29290.00	63
64	13.16	3.81	-126.00	4592.00	13570.00	18560.00	64

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121
TGW 24300 TCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	2331.00	4787.00	1452.00	2640.00	-3421.00	3867.00	2
3	4316.00	4204.00	1956.00	3222.00	-3295.00	4077.00	3
4	5795.00	2725.00	3004.00	3183.00	-5649.00	4665.00	4
5	5250.00	2880.00	3005.00	2406.00	-5649.00	3825.00	5
6	5056.00	2763.00	2888.00	2833.00	-5565.00	4581.00	6
7	5445.00	2607.00	3043.00	2523.00	-5565.00	3993.00	7
8	5017.00	2491.00	2810.00	2368.00	-5187.00	3614.00	8
9	5406.00	2335.00	2965.00	2523.00	-5061.00	4245.00	9
10	4355.00	2374.00	2500.00	3609.00	-3842.00	5968.00	10
11	4160.00	2725.00	2150.00	3959.00	-3842.00	6472.00	11
12	4927.00	4359.00	1724.00	5007.00	-5355.00	7901.00	12
13	5017.00	5761.00	1607.00	4192.00	-4725.00	6263.00	13
14	4939.00	5215.00	2073.00	4036.00	-4725.00	6010.00	14
15	4005.00	4437.00	1491.00	4153.00	-5103.00	8069.00	15
16	4693.00	3970.00	2267.00	3920.00	-5061.00	7271.00	16
17	4005.00	4515.00	2267.00	3920.00	-4767.00	9078.00	17
18	4771.00	4126.00	2694.00	4890.00	-3884.00	9708.00	18
19	3888.00	4554.00	1452.00	5123.00	-5733.00	8028.00	19
20	4316.00	4359.00	2151.00	4580.00	-6490.00	7439.00	20
21	3459.00	7240.00	2034.00	5162.00	-3338.00	7649.00	21
22	4576.00	4554.00	2073.00	4580.00	-5565.00	6430.00	22
23	5523.00	6500.00	1956.00	5007.00	-6532.00	7565.00	23
24	5250.00	13000.00	791.50	8579.00	-4977.00	16770.00	24
25	2993.00	8486.00	1413.00	5784.00	-5440.00	9751.00	25
26	4316.00	5060.00	2966.00	5240.00	-6111.00	7397.00	26
28	5406.00	5527.00	2577.00	5706.00	-4977.00	7187.00	28
29	4693.00	4749.00	1879.00	4541.00	-4598.00	6305.00	29
30	2759.00	5994.00	2422.00	4774.00	-5229.00	8280.00	30
31	4927.00	5449.00	1762.00	4425.00	-2875.00	5590.00	31
32	5873.00	6383.00	1646.00	6095.00	-6237.00	8700.00	32
33	4574.00	7318.00	4052.00	6482.00	-3128.00	10890.00	33
34	6107.00	8096.00	3005.00	6676.00	-4515.00	10680.00	34
35	5094.00	4671.00	2383.00	4425.00	-6196.00	9162.00	35
36	4627.00	4982.00	2539.00	4813.00	-4935.00	9330.00	36
37	5445.00	5721.00	3005.00	4735.00	-4053.00	9625.00	37
38	3148.00	3114.00	1801.00	3843.00	-3674.00	7061.00	38
39	4732.00	5177.00	1646.00	4774.00	-4472.00	5086.00	39
40	3265.00	5644.00	1258.00	4541.00	-5355.00	5043.00	40
41	4927.00	6072.00	3276.00	5085.00	-4556.00	7944.00	41
42	3265.00	6734.00	869.50	4464.00	-5565.00	5758.00	42
43	2914.00	6695.00	714.00	4541.00	-4388.00	7103.00	43
44	4939.00	8641.00	2267.00	4696.00	-5817.00	7691.00	44
45	2370.00	5215.00	1491.00	4308.00	-4598.00	3615.00	45
46	4549.00	8330.00	1568.00	5240.00	-5187.00	7145.00	46
47	4109.00	6267.00	947.00	4541.00	-4766.00	5212.00	47
48	3071.00	5916.00	364.50	4969.00	-4136.00	5254.00	48
49	4771.00	7084.00	1529.00	4503.00	-5817.00	5506.00	49

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121
TNGW 24300 TBCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
50	3421.00	9693.00	1103.00	6017.00	-5986.00	10720.00	50
51	2681.00	8252.00	170.50	4620.00	-5817.00	7355.00	51
52	2604.00	10590.00	675.00	5900.00	-6279.00	6977.00	52
53	3265.00	10320.00	714.00	5706.00	-8717.00	10340.00	53
54	4628.00	9576.00	558.50	6871.00	-5271.00	8658.00	54
56	3576.00	3776.00	1956.00	4619.00	-5313.00	5758.00	56
57	4627.00	3425.00	2112.00	4929.00	-5313.00	5001.00	57
59	4978.00	4398.00	1918.00	4813.00	-5565.00	4329.00	59
60	5017.00	4359.00	1840.00	5046.00	-5355.00	3867.00	60
61	4705.00	5839.00	1607.00	5978.00	-6027.00	5380.00	61
62	4744.00	4788.00	1685.00	5667.00	-4977.00	4413.00	62
63	3304.00	9109.00	1141.00	7375.00	-6406.00	10300.00	63
64	4705.00	6617.00	1918.00	7065.00	-2539.00	7859.00	64

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121
TMGW 24300 TBCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-3671.00	3170.00	-69.50	8436.00	34590.00	12690.00	2
3	-5397.00	3641.00	1456.00	9970.00	39500.00	10960.00	3
4	-4903.00	3390.00	1081.00	11120.00	40220.00	11970.00	4
5	-4307.00	2668.00	1464.00	9586.00	40940.00	10100.00	5
6	-4495.00	3484.00	1561.00	10070.00	43250.00	11250.00	6
7	-4558.00	2794.00	793.50	9491.00	43680.00	11110.00	7
8	-4118.00	2480.00	2040.00	8628.00	44980.00	9808.00	8
9	-4119.00	3108.00	1081.00	9970.00	45270.00	11540.00	9
10	-4047.00	5493.00	2519.00	9491.00	46560.00	11110.00	10
11	-3702.00	6591.00	2231.00	9778.00	45990.00	11970.00	11
12	-5083.00	6215.00	5395.00	10640.00	46560.00	12840.00	12
13	-4746.00	5179.00	2902.00	13710.00	45700.00	14860.00	13
14	-4747.00	4865.00	3669.00	12940.00	44540.00	13700.00	14
15	-4173.00	7439.00	2902.00	11600.00	44830.00	13120.00	15
16	-5145.00	6278.00	3477.00	11020.00	44540.00	13410.00	16
17	-4769.00	9165.00	3669.00	11980.00	44830.00	13700.00	17
18	-5271.00	8789.00	3861.00	12370.00	47430.00	13990.00	18
19	-4711.00	6340.00	3861.00	12560.00	47000.00	13850.00	19
20	-4424.00	7439.00	2423.00	13420.00	44830.00	14570.00	20
21	-4475.00	7376.00	1177.00	16010.00	44260.00	17160.00	21
22	-3828.00	5838.00	3478.00	13710.00	45700.00	14570.00	22
23	-4208.00	7533.00	1273.00	16870.00	43100.00	21490.00	23
24	-4475.00	12400.00	122.50	29530.00	46270.00	32160.00	24
25	-4707.00	8977.00	5874.00	17260.00	48440.00	20770.00	25
26	-5648.00	6215.00	2807.00	13040.00	44110.00	14130.00	26
28	-3169.00	8695.00	1848.00	14190.00	44980.00	17020.00	28
29	-4989.00	5493.00	5107.00	12080.00	46560.00	14280.00	29
30	-4616.00	6623.00	3669.00	13900.00	46420.00	16730.00	30
31	-4621.00	4991.00	3957.00	13610.00	46130.00	15580.00	31
32	-4800.00	7314.00	2415.00	21090.00	41080.00	25810.00	32
33	-2509.00	11990.00	1848.00	19360.00	42090.00	24810.00	33
34	-5146.00	10040.00	-357.00	18310.00	44110.00	23650.00	34
35	-3639.00	8349.00	1273.00	16100.00	41520.00	18750.00	35
36	-3985.00	8318.00	4340.00	13800.00	47570.00	14710.00	36
37	-3577.00	8412.00	4149.00	16490.00	47140.00	17160.00	37
38	-4518.00	5712.00	4532.00	11120.00	44980.00	13560.00	38
39	-4737.00	4740.00	5683.00	12850.00	48440.00	14130.00	39
40	-4392.00	5148.00	6545.00	12560.00	48150.00	14420.00	40
41	-4235.00	8067.00	4820.00	20040.00	44400.00	21340.00	41
42	-4742.00	5493.00	8271.00	14860.00	53050.00	19030.00	42
43	-5616.00	5179.00	7695.00	14090.00	53910.00	17590.00	43
44	-5993.00	7125.00	5395.00	19080.00	55650.00	22790.00	44
45	-4957.00	3516.00	5970.00	10260.00	50170.00	12400.00	45
46	-4428.00	7376.00	10380.00	19650.00	55210.00	22640.00	46
47	-4737.00	4740.00	5299.00	13230.00	54200.00	16730.00	47
48	-3294.00	4614.00	6929.00	11600.00	53630.00	14420.00	48
49	-4989.00	5995.00	7600.00	17060.00	54060.00	20910.00	49

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121
TSGW 24300 TSCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
50	-5491.00	8631.00	6928.00	22340.00	51900.00	27980.00	50
51	-4424.00	6309.00	3669.00	16780.00	47570.00	19320.00	51
52	-5208.00	6780.00	6929.00	17160.00	48150.00	18170.00	52
53	-3702.00	8788.00	6353.00	20990.00	53480.00	24660.00	53
54	-7029.00	7156.00	1177.00	18500.00	45980.00	21490.00	54
56	-5240.00	3986.00	4819.00	10450.00	42960.00	11540.00	56
57	-4118.00	4175.00	5012.00	10830.00	44260.00	11110.00	57
59	-7060.00	3610.00	4245.00	11600.00	43250.00	12690.00	59
60	-4684.00	3484.00	3574.00	12080.00	43820.00	12980.00	60
61	-7782.00	4897.00	2519.00	15240.00	42530.00	17450.00	61
62	-4464.00	3892.00	4915.00	14570.00	44830.00	17450.00	62
63	-6590.00	7784.00	5395.00	20040.00	47280.00	22500.00	63
64	-4181.00	7565.00	1752.00	15240.00	39350.00	19470.00	64

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121
TGW 24300 TSCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	30590.00	14020.00	-351.20	1311.00	-35.59	639.40	2
3	36030.00	10230.00	-172.40	1132.00	-284.80	888.70	3
4	33070.00	10560.00	66.03	1430.00	-458.30	1235.00	4
5	35700.00	8576.00	185.20	1013.00	-187.30	812.80	5
6	37020.00	9896.00	364.00	1192.00	-198.20	975.30	6
7	37520.00	9731.00	542.80	1073.00	-187.30	921.20	7
8	38340.00	8246.00	721.70	894.00	-78.94	769.40	8
9	38840.00	10390.00	840.90	1132.00	-176.50	1019.00	9
10	39990.00	10230.00	1020.00	1371.00	-165.60	1311.00	10
11	39990.00	10890.00	1198.00	1490.00	-111.40	1431.00	11
12	39330.00	11540.00	1020.00	1788.00	-274.00	1680.00	12
13	38510.00	14350.00	930.30	2056.00	-198.10	1756.00	13
14	37520.00	12040.00	1079.00	1967.00	-306.50	1842.00	14
15	37850.00	11380.00	751.50	1699.00	-360.70	1528.00	15
16	37680.00	12200.00	840.90	1609.00	-165.60	1225.00	16
17	38510.00	13690.00	811.00	1818.00	-274.00	1550.00	17
18	38510.00	13360.00	662.00	3159.00	-729.20	2720.00	18
19	37850.00	12370.00	1020.00	1967.00	-479.90	1886.00	19
20	37850.00	11710.00	1347.00	1937.00	-393.20	1734.00	20
21	37190.00	14680.00	1288.00	2772.00	-349.90	2363.00	21
22	38670.00	12200.00	1347.00	1758.00	-46.44	1647.00	22
23	37520.00	19960.00	1586.00	2474.00	51.09	2178.00	23
24	44440.00	23480.00	95.50	9030.00	-236.50	5327.00	24
25	38510.00	18310.00	661.80	4112.00	-1466.00	3978.00	25
26	42300.00	11870.00	1198.00	2324.00	-631.70	1929.00	26
28	39330.00	13190.00	960.10	2086.00	-339.00	1983.00	28
29	40320.00	10890.00	1377.00	1788.00	-263.20	1431.00	29
30	38510.00	13360.00	1824.00	2414.00	-89.78	1929.00	30
31	37520.00	12700.00	1139.00	2205.00	-198.10	1777.00	31
32	33230.00	22590.00	1258.00	3039.00	-978.40	2254.00	32
33	41310.00	26710.00	930.30	3010.00	-761.70	2384.00	33
34	43290.00	25070.00	1049.00	2593.00	-718.30	2276.00	34
35	38340.00	20450.00	721.60	3040.00	-978.40	3078.00	35
36	39990.00	13190.00	1556.00	2146.00	-479.90	2276.00	36
37	39330.00	15170.00	1705.00	2354.00	-241.50	2276.00	37
38	40820.00	13690.00	1198.00	1669.00	-122.30	1615.00	38
39	41640.00	14840.00	1109.00	1877.00	-306.50	1496.00	39
40	39990.00	12860.00	1347.00	1699.00	-295.70	1225.00	40
41	39830.00	19630.00	1109.00	2235.00	-620.80	2200.00	41
42	43290.00	17810.00	2003.00	1877.00	-100.60	1398.00	42
43	43290.00	16490.00	1824.00	1877.00	-209.00	1311.00	43
44	43620.00	19460.00	1765.00	1937.00	-89.78	2124.00	44
45	41810.00	11710.00	1437.00	1669.00	-154.80	1257.00	45
46	44120.00	18640.00	1765.00	1877.00	-176.50	1734.00	46
47	44280.00	14840.00	1884.00	1877.00	-35.59	1420.00	47
48	44120.00	15340.00	1645.00	1818.00	-328.20	1431.00	48
49	42800.00	17980.00	1735.00	1848.00	-144.00	1376.00	49

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121

TGGW 24300 TBCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
50	43780.00	26880.00	1705.00	2354.00	-165.70	2178.00	50
51	47350.00	17810.00	2092.00	2205.00	-46.41	1409.00	51
52	34710.00	16820.00	1467.00	2414.00	51.09	1333.00	52
53	47350.00	22430.00	1318.00	2563.00	-772.50	2243.00	53
54	38840.00	20620.00	1496.00	2503.00	-360.70	1853.00	54
56	35540.00	10060.00	811.00	1699.00	-469.10	1506.00	56
57	35370.00	9236.00	781.30	1967.00	-512.40	1723.00	57
59	36030.00	9896.00	781.30	2563.00	-490.80	2157.00	59
60	36030.00	10890.00	900.40	2742.00	-425.70	2265.00	60
61	36690.00	15830.00	721.70	3338.00	-588.30	2579.00	61
62	47190.00	16000.00	1019.00	3278.00	-458.30	2514.00	62
63	47680.00	21440.00	1169.00	2831.00	-805.00	2406.00	63
64	44390.00	21770.00	-530.00	2921.00	-1152.00	2319.00	64

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121

TGW 24300 TCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	191.10	485.50	917.00	352.30	929.20	248.60	2
3	32.34	681.60	802.10	237.40	921.40	256.30	3
4	-5.00	887.00	756.10	176.10	1077.00	287.40	4
5	32.34	681.60	817.40	176.20	1085.00	248.50	5
6	4.34	747.00	756.10	176.10	1085.00	295.20	6
7	4.34	709.60	802.10	145.50	1077.00	256.30	7
8	13.69	606.90	817.40	145.50	1046.00	225.30	8
9	51.03	775.00	825.10	153.20	1046.00	271.80	9
10	60.38	915.00	871.00	199.10	960.30	372.80	10
11	97.72	1214.00	863.30	222.10	952.50	411.60	11
12	-182.40	1475.00	878.70	360.00	1085.00	481.50	12
13	51.03	1429.00	802.10	405.90	1022.00	403.90	13
14	13.69	1503.00	825.10	352.30	1007.00	388.30	14
15	-14.31	1289.00	909.30	329.30	1046.00	520.40	15
16	-23.66	1186.00	932.30	337.00	1022.00	450.50	16
17	-210.40	1671.00	878.70	360.00	983.60	567.00	17
18	-294.40	2521.00	878.70	375.30	975.80	574.80	18
19	-266.40	1578.00	894.00	344.70	1077.00	489.30	19
20	-42.34	1466.00	832.70	344.70	1116.00	466.00	20
21	107.10	1578.00	962.90	413.60	1077.00	489.30	21
22	-145.00	1345.00	939.90	359.90	1030.00	380.60	22
23	-219.80	1811.00	733.20	490.20	991.30	466.00	23
24	-686.70	3940.00	756.10	942.00	1077.00	1111.00	24
25	-751.90	3128.00	848.00	559.10	1030.00	613.60	25
26	-14.34	1494.00	702.50	398.30	975.80	450.50	26
28	-61.00	1503.00	871.00	367.60	1046.00	442.70	28
29	-61.00	1261.00	786.80	360.00	960.30	388.30	29
30	-163.70	1550.00	970.60	344.60	1046.00	535.90	30
31	-61.00	1354.00	909.30	360.00	905.90	365.00	31
32	-163.70	1793.00	733.20	474.80	1100.00	528.20	32
33	-322.50	1895.00	809.80	597.40	929.20	683.50	33
34	-322.40	2082.00	855.70	643.30	999.10	660.20	34
35	-705.30	2708.00	917.00	337.00	1053.00	590.30	35
36	-341.10	2269.00	878.70	375.30	1007.00	574.80	36
37	-331.80	2614.00	863.30	390.60	968.00	613.60	37
38	-219.80	1830.00	932.30	306.30	929.20	419.40	38
39	303.20	1083.00	1040.00	275.70	975.80	326.20	39
40	293.80	905.70	993.50	321.70	999.10	318.50	40
41	181.80	1447.00	794.40	413.60	968.00	520.40	41
42	303.10	1046.00	1216.00	482.50	1147.00	388.30	42
43	172.40	989.70	1162.00	444.20	1030.00	411.70	43
44	-210.40	2119.00	1147.00	582.00	1279.00	489.30	44
45	247.10	784.30	1162.00	382.90	1046.00	225.30	45
46	135.10	1345.00	1032.00	528.50	1069.00	497.10	46
47	359.20	1064.00	1239.00	413.60	1139.00	334.00	47
48	265.80	915.00	1124.00	390.60	1038.00	326.20	48
49	265.80	1083.00	1139.00	451.90	1162.00	357.30	49

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121
TGW 24300 TCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
50	-369.10	1961.00	970.60	635.70	1131.00	668.00	50
51	135.10	1083.00	1055.00	582.10	1123.00	504.90	51
52	209.80	1027.00	993.50	643.30	1170.00	458.30	52
53	-23.66	1783.00	985.90	773.50	1310.00	660.20	53
54	-219.80	1550.00	1032.00	605.00	1022.00	512.60	54
56	-117.00	999.00	886.30	260.40	1022.00	341.80	56
57	-42.34	1036.00	863.30	191.50	1030.00	302.90	57
59	-5.00	1186.00	802.10	237.40	1038.00	279.60	59
60	23.03	1232.00	779.10	245.10	1015.00	256.30	60
61	-5.00	1429.00	802.10	314.00	1085.00	341.80	61
62	-70.34	1401.00	763.80	229.80	991.30	295.20	62
63	-453.20	2120.00	1101.00	689.30	1193.00	652.40	63
64	-1163.00	2736.00	717.80	474.80	859.30	489.30	64

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AIRCRAFT SLP1 FLIGHT 121
TGW 24300 TCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	49860SDY	69860ALT	EVENT
2	3168.00	4579.00	2
3	-6545.00	6800.00	3
4	-11120.00	8603.00	4
5	-10430.00	6799.00	5
6	-12930.00	7355.00	6
7	-11120.00	7493.00	7
8	-12230.00	6383.00	8
9	-9875.00	8187.00	9
10	3169.00	8465.00	10
11	3585.00	8326.00	11
12	2891.00	7354.00	12
13	-855.50	7771.00	13
14	670.50	7632.00	14
15	2197.00	7493.00	15
16	-3215.00	7077.00	16
17	-6406.00	7493.00	17
18	-7239.00	7771.00	18
19	1642.00	8048.00	19
20	-2799.00	8326.00	20
21	-2243.00	13320.00	21
22	-161.50	8187.00	22
23	115.50	11240.00	23
24	2198.00	17480.00	24
25	-6267.00	11240.00	25
26	-4741.00	16100.00	26
28	4279.00	8465.00	28
29	1365.00	6661.00	29
30	8303.00	15540.00	30
31	4222.00	11790.00	31
32	1781.00	19840.00	32
33	-10570.00	10820.00	33
34	-4880.00	11240.00	34
35	-11540.00	10960.00	35
36	-6961.00	10550.00	36
37	-4741.00	10270.00	37
38	12740.00	7216.00	38
39	28700.00	6244.00	39
40	30230.00	6661.00	40
41	3308.00	11660.00	41
42	44100.00	7770.00	42
43	43820.00	7771.00	43
44	42580.00	8742.00	44
45	43270.00	5828.00	45
46	33000.00	9713.00	46
47	46880.00	6938.00	47
48	45070.00	6244.00	48
49	40770.00	8326.00	49

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 121

TOW 24300 TCG 13.4 FWD FLIGHT DATE 08/08/77

EVENT	69860SDY	69860ALT	EVENT
50	32030.00	10410.00	50
51	42130.00	9574.00	51
52	43410.00	9019.00	52
53	35500.00	13040.00	53
54	39250.00	12070.00	54
56	11080.00	8603.00	56
57	9413.00	8603.00	57
59	1088.00	9436.00	59
60	948.50	9852.00	60
61	-3215.00	11520.00	61
62	-4047.00	11240.00	62
63	23430.00	12350.00	63
64	-9736.00	9158.00	64

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 122
TCGW 20800 TBCR 9.7 AFT FLIGHT DATE 08/09/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVE
2	3.88	3.15	7.02	.73	12.43	.33	2
3	3.67	4.12	8.21	-.46	12.75	.49	3
4	4.05	5.49	9.96	-1.44	11.97	.70	4
5	3.74	5.45	9.54	-1.72	11.24	.94	5
6	4.19	5.35	9.54	-1.30	10.74	.86	6
7	3.77	5.35	9.68	-1.58	10.83	.94	7
8	4.05	5.00	9.05	-1.09	10.58	.70	8
9	4.33	5.56	9.89	-1.72	10.42	.86	9
10	3.81	2.45	6.25	1.36	12.88	.20	10
11	3.98	2.27	6.67	1.29	13.16	.41	11
12	3.63	.94	4.57	2.48	11.48	.53	12
13	3.60	1.19	4.78	2.27	11.11	.41	13
14	3.63	.87	4.57	2.69	11.44	.41	14
15	3.73	.91	4.78	2.76	10.99	.37	15
16	3.67	.84	4.57	2.83	11.52	.33	16
17	4.30	2.31	6.67	1.99	11.56	.45	17
18	3.88	2.10	5.97	1.57	12.30	.29	18
19	3.73	2.45	6.18	1.08	11.65	.53	19
20	4.15	2.73	6.88	1.22	12.02	.57	20
21	4.09	3.01	7.16	.80	11.20	.66	21
22	3.73	2.80	6.81	.94	11.56	.70	22
23	4.30	3.01	7.30	1.01	11.44	.66	23
24	4.36	7.83	12.19	-3.67	16.07	1.27	24
25	4.33	6.82	11.15	-2.56	11.81	.94	25
26	4.12	7.31	11.63	-3.46	12.10	1.07	26
27	4.64	6.64	11.35	-2.14	10.05	.82	27
28	4.36	6.01	10.52	-2.00	8.41	.82	28
29	2.58	2.90	6.11	-1.44	13.00	.90	29
30	1.99	2.87	6.74	-.88	11.65	.86	30
31	3.91	2.27	6.39	1.64	12.59	.25	31
32	3.77	3.88	7.65	-.11	12.84	.41	32
33	3.49	4.86	8.63	-1.37	12.22	.61	33
34	3.53	3.70	7.23	-.18	12.67	.57	34
35	4.33	3.32	7.65	.45	12.75	.49	35
36	3.14	3.88	7.30	-.74	11.65	1.93	36
37	3.63	4.09	8.14	-.46	12.47	3.24	37
38	3.70	8.14	11.84	-4.76	12.10	.82	38
39	4.02	7.97	11.98	-3.95	13.20	.78	39
40	2.02	2.55	4.57	-.53	10.13	.16	40
41	1.46	1.71	3.18	-.25	9.02	.12	41
42	1.18	2.48	3.81	-1.37	9.15	.16	42
43	1.71	.77	2.55	.87	8.61	.12	43
44	1.11	1.78	3.04	-.74	8.57	.16	44
45	1.43	2.45	3.88	-1.02	8.98	.16	45

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 122
TORGW 20300 TUCR 9.7 AFT FLIGHT DATE 08/09/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT
2	10.97	2.95	1152.00	1625.00	10340.00	7435.00
3	10.41	3.94	561.00	3397.00	8819.00	12670.00
4	10.41	4.74	708.50	4727.00	9326.00	19940.00
5	9.48	4.55	561.00	4283.00	12540.00	17070.00
6	9.02	3.25	561.00	3988.00	8818.00	17740.00
7	8.89	3.59	118.00	4726.00	8650.00	19600.00
8	9.32	3.27	1004.00	3545.00	12200.00	14700.00
9	10.89	4.10	1595.00	6203.00	12370.00	25680.00
10	11.21	2.98	1595.00	3250.00	12200.00	12000.00
11	9.72	3.14	1152.00	3693.00	14900.00	16390.00
12	10.28	3.27	856.50	3102.00	12370.00	15210.00
13	10.36	3.62	1743.00	3102.00	16080.00	13180.00
14	9.69	3.49	1300.00	3250.00	11860.00	13690.00
15	9.93	3.89	1004.00	2659.00	11350.00	10140.00
16	9.93	3.62	1004.00	2659.00	9156.00	10310.00
17	9.02	3.62	1448.00	4579.00	15580.00	20780.00
18	10.89	2.82	1004.00	2363.00	10680.00	10480.00
19	10.67	2.77	856.50	3102.00	10340.00	13520.00
20	10.54	3.75	265.50	3693.00	10000.00	16900.00
21	10.35	3.89	118.00	4726.00	8649.00	22310.00
22	9.98	3.46	413.50	5613.00	9325.00	25350.00
23	10.57	2.61	1004.00	5908.00	9832.00	25850.00
24	12.88	2.95	856.50	2216.00	11690.00	9125.00
25	11.93	3.38	1743.00	5170.00	17610.00	23830.00
26	12.40	4.71	265.50	5465.00	15240.00	23830.00
27	10.59	3.43	1299.00	5317.00	15580.00	25520.00
28	6.97	3.11	-325.50	4579.00	6115.00	17740.00
29	10.22	2.64	856.50	3102.00	9156.00	10310.00
30	6.52	3.03	708.50	2068.00	7973.00	7773.00
31	10.94	2.40	413.50	1773.00	10170.00	6928.00
32	10.99	5.27	1300.00	2659.00	11860.00	11320.00
33	10.67	4.74	1004.00	2363.00	12370.00	8787.00
34	10.59	4.07	1152.00	2216.00	12700.00	9463.00
35	10.36	4.42	1004.00	2068.00	12200.00	8280.00
36	11.02	3.49	413.00	2363.00	10170.00	7942.00
37	10.99	3.51	708.50	2364.00	7635.00	9125.00
38	10.97	7.43	-2541.00	5022.00	12030.00	8111.00
39	10.97	8.86	709.00	2954.00	13040.00	13860.00
40	7.43	2.82	-325.50	1625.00	7636.00	4394.00
41	6.84	1.49	-177.50	1773.00	6453.00	3887.00
42	5.88	2.66	560.50	2216.00	7636.00	4394.00
43	6.71	.83	265.50	1921.00	5608.00	4394.00
44	5.70	1.68	-177.50	2364.00	5777.00	6591.00
45	6.65	2.10	-30.00	1920.00	8142.00	6590.00

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 122
TCGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/09/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	2303.00	3521.00	589.00	2853.00	-3512.00	4022.00	2
3	2164.00	4147.00	357.00	4549.00	-5020.00	5195.00	3
4	2616.00	7669.00	3056.00	4549.00	-3010.00	7961.00	4
5	3594.00	6534.00	588.60	4394.00	-3596.00	7290.00	5
6	3125.00	7082.00	-182.50	5475.00	-2675.00	7123.00	6
7	2890.00	7552.00	-452.50	5822.00	-2213.00	7751.00	7
8	2303.00	7043.00	-182.50	4858.00	-2674.00	5866.00	8
9	3946.00	8608.00	550.00	6669.00	-3093.00	3971.00	9
10	3790.00	4147.00	1668.00	3547.00	-2758.00	5195.00	10
11	3907.00	5126.00	2670.00	5320.00	-3051.00	6829.00	11
12	2812.00	5204.00	1668.00	3315.00	-1962.00	8170.00	12
13	2655.00	5126.00	1822.00	3624.00	-1543.00	7751.00	13
14	2577.00	5908.00	164.90	3740.00	-2674.00	7709.00	14
15	2929.00	4617.00	820.30	3084.00	-2423.00	5614.00	15
16	2538.00	4851.00	126.30	3470.00	-3512.00	5028.00	16
17	4255.00	8177.00	3557.00	5513.00	-2758.00	10310.00	17
18	2538.00	3834.00	1206.00	2622.00	-3218.00	4567.00	18
19	2382.00	5947.00	1514.00	4318.00	-2590.00	4777.00	19
20	1990.00	7748.00	2054.00	4009.00	-1795.00	7081.00	20
21	1325.00	8491.00	1476.00	4433.00	-2675.00	8715.00	21
22	1638.00	9508.00	1167.00	4587.00	-2926.00	8966.00	22
23	1208.00	9704.00	1244.00	5050.00	-1459.00	9846.00	23
24	4690.00	3404.00	2401.00	4510.00	-6068.00	3980.00	24
25	5629.00	8334.00	2632.00	6284.00	-1920.00	7793.00	25
26	6686.00	8373.00	2323.00	7209.00	-914.50	9385.00	26
27	4533.00	9743.00	357.00	5860.00	-3345.00	8799.00	27
28	1325.00	6378.00	704.00	6130.00	-1585.00	8128.00	28
29	1677.00	3130.00	203.50	2776.00	-1920.00	3017.00	29
30	2342.00	2935.00	935.90	2197.00	-3093.00	2263.00	30
31	2929.00	2582.00	974.50	2236.00	-3722.00	2389.00	31
32	3008.00	3834.00	1437.00	2930.00	-2800.00	4148.00	32
33	2303.00	3052.00	473.30	3200.00	-4517.00	3855.00	33
34	2616.00	2895.00	1283.00	2313.00	-3218.00	3394.00	34
35	2694.00	2461.00	511.90	3238.00	-3721.00	3478.00	35
36	1716.00	3169.00	1013.00	2891.00	-3428.00	3184.00	36
37	1207.00	3678.00	704.60	3354.00	-1752.00	3268.00	37
38	3203.00	3952.00	1052.00	2776.00	-3805.00	3897.00	38
39	3946.00	3991.00	1630.00	3277.00	-2674.00	5782.00	39
40	894.70	2113.00	126.40	2005.00	-1542.00	1550.00	40
41	1051.00	1800.00	10.69	1504.00	-997.80	1592.00	41
42	1286.00	1878.00	49.25	1542.00	-1291.00	1718.00	42
43	307.80	2074.00	242.00	1581.00	-159.90	2011.00	43
44	855.60	3091.00	319.10	1658.00	-76.09	2514.00	44
45	1677.00	2660.00	10.72	2043.00	-2548.00	2305.00	45

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 122
TCGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/09/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-4032.00	3693.00	1958.00	7662.00	41880.00	8007.00	2
3	-4876.00	5226.00	3587.00	12930.00	44740.00	13730.00	3
4	-4783.00	7134.00	2341.00	13980.00	40880.00	13870.00	4
5	-3156.00	6258.00	5693.00	12740.00	44600.00	13580.00	5
6	-2592.00	7009.00	2820.00	14460.00	41600.00	12580.00	6
7	-2686.00	7541.00	2725.00	13410.00	42450.00	11720.00	7
8	-2874.00	6164.00	3874.00	11680.00	43020.00	11150.00	8
9	-2436.00	8918.00	2820.00	13890.00	40880.00	13580.00	9
10	-3281.00	4443.00	1479.00	6034.00	44450.00	9151.00	10
11	-3374.00	5789.00	-819.00	9290.00	44880.00	12730.00	11
12	-2905.00	7447.00	2437.00	6034.00	42880.00	10150.00	12
13	-2030.00	7072.00	1863.00	7375.00	43020.00	11150.00	13
14	-2812.00	7041.00	2724.00	6321.00	42600.00	10440.00	14
15	-3030.00	5570.00	2533.00	6513.00	42880.00	9866.00	15
16	-4031.00	4819.00	2437.00	9099.00	43740.00	10720.00	16
17	-2499.00	9544.00	4353.00	10440.00	45600.00	14580.00	17
18	-5001.00	2848.00	-244.50	7758.00	39310.00	12010.00	18
19	-4751.00	4412.00	4927.00	8907.00	45880.00	12010.00	19
20	-3375.00	5726.00	4640.00	10540.00	43600.00	12870.00	20
21	-3156.00	7322.00	4257.00	10340.00	45310.00	12010.00	21
22	-3406.00	7259.00	4832.00	10920.00	46310.00	11300.00	22
23	-2405.00	7698.00	1575.00	11110.00	47310.00	12300.00	23
24	-7348.00	3255.00	2725.00	12450.00	44030.00	13010.00	24
25	-4407.00	7072.00	4065.00	14750.00	44600.00	17300.00	25
26	-1873.00	11300.00	1479.00	15800.00	43740.00	18440.00	26
27	-3250.00	7354.00	2629.00	13890.00	42020.00	15580.00	27
28	-1842.00	7698.00	5119.00	13310.00	46460.00	16010.00	28
29	-4063.00	3348.00	1096.00	6225.00	43310.00	6863.00	29
30	-4939.00	2347.00	-244.50	5843.00	39880.00	6291.00	30
31	-4908.00	2816.00	1671.00	6226.00	41600.00	5433.00	31
32	-4438.00	3286.00	1575.00	6896.00	41020.00	7435.00	32
33	-5189.00	3912.00	2246.00	7950.00	43310.00	8293.00	33
34	-4376.00	3536.00	521.50	7950.00	41590.00	8579.00	34
35	-4313.00	3473.00	2246.00	7567.00	44170.00	7721.00	35
36	-3437.00	3098.00	426.00	8811.00	42020.00	9008.00	36
37	-2874.00	3536.00	-1490.00	9195.00	39740.00	8436.00	37
38	-4689.00	3974.00	2916.00	11300.00	44310.00	11010.00	38
39	-5502.00	3724.00	1958.00	10730.00	44030.00	10720.00	39
40	-1090.00	1439.00	2820.00	3352.00	43450.00	4433.00	40
41	-870.90	1158.00	1862.00	2969.00	43020.00	4004.00	41
42	-1153.00	1439.00	1192.00	3256.00	42020.00	3575.00	42
43	-1309.00	1533.00	2725.00	2874.00	44170.00	4004.00	43
44	-182.50	2222.00	1384.00	3065.00	43880.00	4290.00	44
45	-1778.00	1752.00	1480.00	4119.00	42600.00	5576.00	45

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AIRCRAFT SLP1 FLIGHT 122
TORGW 20800 TCCG 9.7 AFT FLIGHT DATE 08/09/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	37150.00	7136.00	811.90	684.10	-91.63	475.30	2
3	39270.00	11280.00	752.40	1279.00	81.22	821.00	3
4	38130.00	11450.00	514.40	1517.00	-156.40	1037.00	4
5	40090.00	14060.00	722.70	1606.00	-91.63	1167.00	5
6	38780.00	12100.00	960.60	1666.00	-91.66	1210.00	6
7	40250.00	11940.00	573.90	1636.00	-199.70	1318.00	7
8	38950.00	10960.00	901.10	1249.00	-156.40	1188.00	8
9	37970.00	14230.00	663.20	1844.00	264.80	1437.00	9
10	40420.00	10470.00	722.60	1368.00	-145.70	875.00	10
11	40910.00	14230.00	901.10	1725.00	59.59	1123.00	11
12	38780.00	13740.00	1020.00	1368.00	27.19	1026.00	12
13	39600.00	14550.00	1080.00	1309.00	-70.03	1102.00	13
14	38460.00	12760.00	841.60	1428.00	70.38	1113.00	14
15	38460.00	12100.00	871.40	1339.00	16.38	972.20	15
16	34490.00	12100.00	901.10	1428.00	102.80	1059.00	16
17	38460.00	16350.00	901.10	1666.00	-70.03	1275.00	17
18	35510.00	12100.00	425.20	892.30	92.00	594.10	18
19	38780.00	14390.00	1050.00	1101.00	254.00	864.20	19
20	41400.00	15050.00	930.80	1279.00	92.03	1005.00	20
21	39110.00	16350.00	960.60	1428.00	81.19	1102.00	21
22	41890.00	16840.00	960.60	1666.00	-37.63	1264.00	22
23	43030.00	17010.00	871.40	1636.00	-37.63	1372.00	23
24	37970.00	10630.00	514.40	2528.00	-599.30	2128.00	24
25	40420.00	17660.00	544.20	2380.00	-588.50	2182.00	25
26	41240.00	21420.00	1585.00	2350.00	-404.90	1977.00	26
27	40250.00	15540.00	841.60	1844.00	-242.80	1469.00	27
28	39110.00	15370.00	752.40	2112.00	-437.30	1599.00	28
29	40090.00	7522.00	1228.00	981.60	254.00	669.70	29
30	37640.00	7032.00	1169.00	743.60	27.19	507.70	30
31	37800.00	4906.00	841.60	1071.00	38.00	583.30	31
32	36660.00	9648.00	1228.00	1220.00	-59.22	810.20	32
33	41070.00	7849.00	1020.00	832.80	48.81	594.10	33
34	37310.00	7686.00	1139.00	1011.00	70.41	615.70	34
35	39760.00	8177.00	1228.00	1101.00	5.59	831.80	35
36	38130.00	6542.00	1080.00	892.30	16.41	604.90	36
37	40580.00	7359.00	1407.00	1041.00	383.70	691.30	37
38	38620.00	11280.00	1139.00	1249.00	210.80	907.40	38
39	39270.00	9975.00	1080.00	1190.00	-16.00	723.80	39
40	38950.00	4415.00	1020.00	594.90	297.30	324.10	40
41	39440.00	4579.00	1199.00	416.40	362.10	302.40	41
42	39270.00	3434.00	1199.00	594.90	308.10	313.30	42
43	40250.00	4743.00	1199.00	475.90	426.90	324.10	43
44	40250.00	5070.00	1169.00	624.60	426.90	367.30	44
45	38950.00	5724.00	1258.00	654.40	362.10	432.10	45

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 122
TOWW 20800 TCCG 9.7 AFT FLIGHT DATE 08/09/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	149.30	399.60	924.60	214.60	927.60	247.30	2
3	121.30	743.50	940.00	321.90	997.10	332.40	3
4	28.44	985.10	962.90	544.20	896.70	479.20	4
5	-55.19	901.40	939.90	459.90	919.80	456.00	5
6	37.72	882.80	955.30	475.20	865.70	448.30	6
7	19.16	920.00	970.60	505.90	842.50	487.00	7
8	130.60	752.80	962.90	421.60	865.70	371.00	8
9	177.10	966.50	947.60	666.30	888.90	641.50	9
10	9.84	483.20	924.60	275.90	881.20	324.60	10
11	65.59	966.50	855.60	375.60	904.40	440.60	11
12	186.40	604.00	940.00	429.20	803.90	479.20	12
13	177.10	631.90	947.60	406.20	842.50	471.50	13
14	130.70	641.20	932.30	436.90	896.60	463.80	14
15	186.40	566.90	955.30	337.20	943.00	355.50	15
16	167.80	659.80	939.90	352.60	935.30	301.40	16
17	344.40	799.20	710.00	567.20	773.00	618.30	17
18	112.10	418.20	993.60	283.60	919.80	286.00	18
19	167.80	604.10	1024.00	390.90	888.90	301.40	19
20	139.90	669.10	1032.00	521.20	842.50	440.60	20
21	270.10	743.40	1032.00	643.80	873.40	533.30	21
22	149.20	827.10	1001.00	720.50	912.10	541.00	22
23	9.84	799.20	1032.00	735.80	803.90	602.90	23
24	-111.00	1199.00	963.00	222.30	1059.00	255.10	24
25	-919.50	1933.00	779.00	636.20	834.80	463.80	25
26	-928.80	1794.00	748.40	666.80	780.70	595.20	26
27	65.59	1041.00	809.70	712.80	888.90	548.80	27
28	167.80	1236.00	1009.00	467.60	796.20	502.40	28
29	74.88	511.10	1040.00	268.30	811.60	208.70	29
30	186.40	399.60	985.90	214.60	896.70	154.60	30
31	177.10	371.80	932.30	176.30	935.30	162.30	31
32	56.31	473.90	924.60	291.30	858.00	255.10	32
33	139.90	446.10	955.30	214.60	1005.00	247.30	33
34	167.80	418.20	901.60	206.90	912.10	201.00	34
35	177.10	483.30	901.60	206.90	912.10	216.40	35
36	186.40	381.00	1001.00	229.90	904.40	208.70	36
37	205.00	455.40	978.30	283.60	796.20	193.20	37
38	93.47	492.50	978.30	237.60	896.60	231.90	38
39	37.75	511.10	832.70	337.20	858.00	363.30	39
40	158.50	241.60	1063.00	122.70	803.90	92.75	40
41	232.90	185.90	1040.00	99.66	757.50	92.75	41
42	270.00	223.00	1101.00	115.00	749.80	115.90	42
43	214.30	278.80	1093.00	137.90	718.90	131.40	43
44	307.30	241.60	1086.00	206.90	687.90	162.30	44
45	288.70	316.00	1009.00	160.90	850.20	139.10	45

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 122
TGGW 20800 TCG 9.7 AFT FLIGHT DATE 08/09/77

EVENT	69860SDY	69860ALT	EVENT
2	9241.00	4279.00	2
3	11590.00	6901.00	3
4	7860.00	8143.00	4
5	17380.00	9385.00	5
6	21390.00	8695.00	6
7	20560.00	8419.00	7
8	21250.00	7729.00	8
9	19320.00	8833.00	9
10	8137.00	4279.00	10
11	14140.00	7315.00	11
12	16560.00	8005.00	12
13	14560.00	7729.00	13
14	16000.00	7177.00	14
15	20420.00	6349.00	15
16	15310.00	6211.00	16
17	10480.00	7729.00	17
18	7308.00	5107.00	18
19	14760.00	6763.00	19
20	14760.00	7039.00	20
21	17800.00	8143.00	21
22	15730.00	8557.00	22
23	15450.00	8557.00	23
24	-15880.00	10630.00	24
25	2340.00	9800.00	25
26	5376.00	11460.00	26
27	-2906.00	10630.00	27
28	35050.00	8281.00	28
29	11310.00	7453.00	29
30	11720.00	5659.00	30
31	4756.00	3727.00	31
32	4962.00	4969.00	32
33	4618.00	5245.00	33
34	6066.00	6073.00	34
35	4204.00	5935.00	35
36	18070.00	13660.00	36
37	4962.00	21250.00	37
38	8412.00	8419.00	38
39	3582.00	6901.00	39
40	24700.00	2346.00	40
41	32700.00	1794.00	41
42	36020.00	1795.00	42
43	34910.00	2347.00	43
44	34500.00	2485.00	44
45	30360.00	2761.00	45

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TCGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.82	7.43	12.25	-2.60	15.69	.94	2
3	4.30	5.99	10.29	-1.76	16.02	.69	3
4	4.30	5.43	9.73	-1.13	15.94	.61	4
5	4.40	5.68	10.08	-1.34	15.98	.65	5
6	4.26	5.82	10.08	-1.55	15.53	.69	6
7	4.40	5.19	9.59	-.85	15.98	.57	7
8	3.81	2.14	6.02	1.67	15.04	.37	8
9	3.81	2.28	6.15	1.53	14.63	.45	9
10	3.91	2.66	6.57	1.25	14.88	.45	10
11	4.02	2.98	7.00	1.04	14.39	.53	11
12	3.91	2.80	6.79	1.11	14.59	.49	12
13	3.88	3.05	7.00	.83	14.43	.49	13
14	3.98	3.85	7.98	.13	13.49	.69	14
15	3.91	3.85	7.77	.06	13.73	.61	15
16	4.09	3.54	7.63	.48	13.73	.61	16
17	4.09	4.80	8.89	-.71	13.45	.73	17
18	4.02	6.20	10.22	-2.19	14.67	.98	18
19	4.23	4.73	8.96	-.57	13.86	.82	19
20	4.19	4.48	8.68	-.36	14.26	.73	20
21	4.33	3.71	8.05	.62	14.88	.69	21
22	4.47	3.99	8.47	.48	15.77	.61	22
23	4.02	5.92	9.94	-1.90	15.40	.90	23
24	4.05	5.82	9.87	-1.90	14.39	.94	24
25	4.33	3.99	8.33	.34	13.12	1.22	25
26	4.12	4.20	8.33	-.08	13.53	.65	26
27	4.54	6.66	11.20	-2.40	12.84	1.35	27
28	4.65	4.03	8.68	.55	13.20	.73	28
29	4.19	4.20	8.40	-.01	13.33	.61	29
30	4.40	5.89	10.36	-1.48	13.90	1.10	30
31	4.40	4.91	9.31	-.50	15.20	1.02	31
32	4.19	4.69	9.10	-.50	14.79	1.51	32
33	4.33	4.35	8.68	-.01	12.59	.77	33
34	4.12	3.15	7.28	.83	10.51	.57	34
35	3.42	2.45	5.94	.97	9.17	.37	35
36	4.33	4.69	9.03	-.36	14.02	.90	36
37	3.32	2.84	6.15	.48	7.49	.33	37
38	3.18	4.38	7.63	-1.20	7.82	.57	38
39	3.14	4.84	8.40	-1.69	7.37	.53	39
40	4.02	3.68	7.70	.34	7.62	.45	40
41	3.21	2.66	6.44	-.01	7.53	.37	41
42	3.95	5.08	9.03	-3.10	7.25	.49	42
43	4.58	6.97	11.55	-2.47	11.70	.77	43
44	4.58	7.88	12.46	-3.38	12.55	.98	44
45	4.58	8.94	13.51	-4.36	13.29	1.22	45
46	4.23	8.02	12.39	-3.80	13.86	1.06	46
47	5.07	9.64	14.71	-4.57	14.96	1.51	47
48	4.96	9.46	14.42	-4.50	15.37	1.43	48

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
T0GW 20800 T0CG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
49	4.96	9.32	14.28	-4.43	15.16	1.39	49
50	5.31	9.81	15.13	-4.78	14.96	1.59	50
51	5.14	9.92	15.06	-4.78	15.12	1.59	51
52	4.30	5.50	9.80	-1.20	12.55	.57	52
53	4.26	3.78	8.19	.48	13.94	.41	53
54	4.30	1.72	6.36	2.58	14.84	.16	54
55	4.54	3.08	7.63	1.18	15.49	1.14	55
56	4.75	3.57	8.40	1.18	15.28	.45	56
57	5.00	4.17	9.17	.83	14.59	1.47	57
58	4.93	5.15	10.08	-.22	16.42	.69	58
59	4.89	7.01	11.90	-2.11	13.20	.90	59
60	5.00	8.38	13.37	-3.45	12.43	1.10	60
61	6.34	11.14	17.51	-4.81	13.82	2.00	61
62	4.47	3.93	8.40	.48	13.41	.69	62
63	4.44	6.62	11.06	-2.26	15.20	1.10	63
64	4.05	4.77	8.82	-.78	11.29	.53	64
65	4.16	5.85	10.01	-1.76	11.16	.65	65
66	4.09	6.69	10.78	-2.68	11.78	.77	66
67	4.16	8.80	12.95	-4.64	12.63	1.14	67
68	3.88	7.67	11.55	-3.87	12.27	.94	68
69	4.12	8.62	12.74	-4.64	13.29	1.06	69
70	4.54	9.18	13.72	-4.78	13.90	1.26	70
71	4.05	4.77	8.82	-.71	7.37	.45	71
72	4.02	4.94	9.10	-.92	7.41	.49	72
73	5.54	5.92	11.69	-.43	7.17	.90	73
74	3.81	5.22	9.45	-1.41	7.17	.57	74
75	3.49	4.98	8.54	-1.48	7.33	.41	75
76	2.37	6.80	9.59	-4.43	6.92	.73	76
77	5.94	5.54	11.48	-.57	8.11	1.10	77
78	4.93	5.78	11.27	-.85	9.25	1.67	78
79	5.10	5.82	10.92	-.78	8.11	.77	79
80	4.40	6.38	10.78	-2.11	13.33	.94	80

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TUGW 20800 TCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	29030SDY	29030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	13.24	3.16	1431.00	1482.00	13990.00	6099.00	2
3	14.10	2.60	890.00	1629.00	14330.00	4744.00	3
4	14.18	2.79	1038.00	1481.00	14660.00	4405.00	4
5	14.32	2.92	890.00	1629.00	15340.00	4744.00	5
6	14.32	2.92	1038.00	1481.00	15170.00	4913.00	6
7	14.59	2.92	890.00	1333.00	15340.00	4405.00	7
8	14.56	3.92	594.00	2518.00	13820.00	9996.00	8
9	14.67	3.92	1.00	2814.00	14330.00	10170.00	9
10	14.78	4.03	149.50	2370.00	13820.00	9318.00	10
11	14.86	4.11	446.00	2666.00	15510.00	11010.00	11
12	15.10	3.92	-147.00	2666.00	14500.00	11010.00	12
13	15.13	3.84	-295.00	2814.00	15340.00	11520.00	13
14	14.16	4.06	889.50	4592.00	16360.00	16600.00	14
15	14.24	4.14	1038.00	4740.00	15850.00	18130.00	15
16	14.48	4.06	297.50	4000.00	16360.00	15590.00	16
17	14.21	4.87	-1332.00	6221.00	10260.00	25750.00	17
18	15.27	4.79	-295.00	5776.00	13140.00	24900.00	18
19	15.10	4.79	-295.00	4888.00	14160.00	18810.00	19
20	15.13	4.87	-146.50	4444.00	11610.00	16260.00	20
21	15.29	4.33	-739.00	3851.00	13650.00	14230.00	21
22	16.05	4.38	-739.50	2963.00	14330.00	11520.00	22
23	15.56	5.90	297.50	6369.00	13480.00	27620.00	23
24	16.05	5.14	-443.00	6517.00	11450.00	24570.00	24
25	15.16	5.82	-1036.00	3259.00	9582.00	13210.00	25
26	14.29	5.60	-887.50	3703.00	10260.00	14570.00	26
27	13.89	6.22	-887.50	3703.00	15340.00	15930.00	27
28	14.43	5.03	-1480.00	3703.00	13650.00	16260.00	28
29	13.91	4.14	297.50	4296.00	15850.00	16090.00	29
30	15.13	5.14	-591.00	6665.00	14660.00	27780.00	30
31	15.59	5.01	-1776.00	5480.00	10090.00	23210.00	31
32	15.99	5.30	-1925.00	5925.00	9582.00	25070.00	32
33	13.64	4.25	-1332.00	3555.00	8734.00	14740.00	33
34	10.80	3.95	-147.00	3555.00	13480.00	11010.00	34
35	9.10	4.09	-443.00	3555.00	10600.00	11520.00	35
36	14.45	4.19	-1480.00	3703.00	12630.00	13550.00	36
37	6.74	4.11	-1036.00	3259.00	8396.00	12030.00	37
38	7.90	5.11	-1184.00	4592.00	8057.00	16090.00	38
39	6.90	4.87	-591.50	5777.00	11280.00	22020.00	39
40	7.58	6.14	-1184.00	3999.00	6871.00	12200.00	40
41	5.28	4.28	-1332.00	3851.00	9074.00	12370.00	41
42	5.20	7.71	-739.50	4148.00	7210.00	15930.00	42
43	11.56	2.54	-591.00	2518.00	12630.00	11520.00	43
44	12.61	1.27	-147.00	1777.00	12120.00	8979.00	44
45	12.67	2.03	-4294.00	7998.00	12630.00	18640.00	45
46	13.80	1.54	-443.00	2962.00	13140.00	11010.00	46
47	14.75	2.54		4000.00	12630.00	22700.00	47
48	15.46	2.81		5000.00	12970.00	24060.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TSGW 20800 TBCR 9.7 AFT FLIGHT DATE 08/11/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
49	15.40	2.92	-7553.00	12440.00	12970.00	24730.00	49
50	15.21	3.06	0.0	6000.00	17370.00	25750.00	50
51	15.02	2.81	0.0	6000.00	11450.00	20500.00	51
52	11.69	2.52	-443.50	2074.00	10260.00	9149.00	52
53	12.86	3.03	-147.00	1777.00	12630.00	6777.00	53
54	13.15	2.68	-147.00	1185.00	12460.00	4575.00	54
55	13.10	4.14	-147.00	1481.00	12800.00	4913.00	55
56	13.34	3.79	-295.00	1629.00	10940.00	5760.00	56
57	14.67	6.25	-1036.00	2370.00	9582.00	9827.00	57
58	14.70	4.11	297.50	2815.00	12800.00	8302.00	58
59	13.13	2.81	445.50	1778.00	13990.00	9149.00	59
60	12.86	2.71	1.50	1926.00	13820.00	7963.00	60
61	13.86	3.60	0.0	7000.00	10090.00	28970.00	61
62	13.86	4.63	149.50	2963.00	11450.00	9996.00	62
63	15.75	5.01	1.50	4592.00	15510.00	20840.00	63
64	10.94	.92	149.50	2963.00	11280.00	11860.00	64
65	10.94	.73	445.50	2963.00	11780.00	10330.00	65
66	11.69	.78	-591.50	2222.00	10770.00	8641.00	66
67	12.18	1.87	-9182.00	13480.00	12460.00	20160.00	67
68	12.59	.97	-147.00	2666.00	11780.00	7624.00	68
69	13.21	1.11	-8441.00	10660.00	12460.00	8979.00	69
70	13.37	1.16	-19850.00	22370.00	12630.00	10840.00	70
71	5.88	2.87	-443.00	4147.00	10030.00	15080.00	71
72	5.77	3.52	-739.50	5629.00	10430.00	16430.00	72
73	7.36	3.17	742.00	6517.00	14330.00	24060.00	73
74	5.50	5.20	-1184.00	5481.00	8057.00	17450.00	74
75	5.04	3.60	-295.00	4592.00	8226.00	13250.00	75
76	4.74	6.39	-1776.00	6369.00	7210.00	17620.00	76
77	8.64	3.09	-295.00	5480.00	13820.00	23210.00	77
78	9.23	3.09	-295.00	6369.00	16190.00	20500.00	78
79	8.66	4.19	-591.50	7258.00	12630.00	26430.00	79
80	12.94	3.57	1335.00	5629.00	18730.00	24730.00	80

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TCGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	5526.00	2530.00	2430.00	3404.00	-5829.00	4115.00	2
3	5487.00	2179.00	3140.00	1934.00	-5451.00	2981.00	3
4	5253.00	2024.00	2831.00	1779.00	-5242.00	2603.00	4
5	5215.00	2062.00	2792.00	1818.00	-5241.00	3023.00	5
6	5137.00	2062.00	2753.00	1857.00	-5157.00	3107.00	6
7	4903.00	1907.00	2443.00	1857.00	-5074.00	2603.00	7
8	5020.00	3114.00	2869.00	2746.00	-5409.00	3863.00	8
9	4864.00	3036.00	2676.00	3017.00	-5241.00	4283.00	9
10	4748.00	2763.00	2830.00	2785.00	-5409.00	4115.00	10
11	4553.00	3269.00	2250.00	3211.00	-4989.00	4787.00	11
12	4864.00	2958.00	2443.00	2940.00	-4821.00	4451.00	12
13	4670.00	3308.00	2405.00	3133.00	-4780.00	5584.00	13
14	4203.00	5643.00	2598.00	5803.00	-3563.00	9657.00	14
15	3580.00	6188.00	3024.00	4835.00	-2765.00	9951.00	15
16	4008.00	5293.00	2173.00	3829.00	-3436.00	8691.00	16
17	3775.00	9030.00	1979.00	4797.00	-4528.00	13390.00	17
18	3502.00	9069.00	2056.00	5029.00	-4402.00	11760.00	18
19	4164.00	6305.00	2830.00	4642.00	-4360.00	10450.00	19
20	4242.00	6149.00	2327.00	3830.00	-3646.00	10580.00	20
21	4436.00	4632.00	2598.00	3482.00	-3646.00	8565.00	21
22	4903.00	4632.00	3024.00	3288.00	-3268.00	7851.00	22
23	4358.00	9925.00	2791.00	4526.00	-3226.00	13440.00	23
24	4047.00	10080.00	1824.00	4642.00	-4612.00	12550.00	24
25	3541.00	4982.00	2792.00	4371.00	-4318.00	7893.00	25
26	3463.00	4826.00	1747.00	3868.00	-4402.00	8061.00	26
27	3191.00	5254.00	1709.00	4990.00	-4612.00	8271.00	27
28	5448.00	4632.00	2753.00	5029.00	-4318.00	7725.00	28
29	4047.00	5176.00	2405.00	4139.00	-2681.00	3859.00	29
30	5253.00	9419.00	1399.00	5300.00	-2429.00	12720.00	30
31	3074.00	8329.00	2018.00	4216.00	-6165.00	10240.00	31
32	3658.00	8602.00	3062.00	4410.00	-6669.00	10750.00	32
33	3346.00	5021.00	2289.00	3868.00	-4486.00	8565.00	33
34	2919.00	4204.00	2095.00	4217.00	-4486.00	5122.00	34
35	3035.00	4865.00	1206.00	3481.00	-3982.00	3527.00	35
36	4086.00	4437.00	2018.00	4526.00	-4108.00	8691.00	36
37	1945.00	4709.00	664.20	2863.00	-3982.00	2939.00	37
38	2296.00	5604.00	277.40	3482.00	-3940.00	5080.00	38
39	3074.00	7551.00	934.80	4603.00	-5199.00	7096.00	39
40	1828.00	4304.00	1012.00	4217.00	-3982.00	4954.00	40
41	1789.00	4943.00	664.20	3095.00	-4906.00	3275.00	41
42	1595.00	6072.00	1089.00	3675.00	-2638.00	5710.00	42
43	3852.00	3503.00	2018.00	3984.00	-4486.00	5878.00	43
44	5098.00	4281.00	2405.00	4294.00	-4822.00	5962.00	44
45	3658.00	8213.00	1631.00	5222.00	-5074.00	10080.00	45
46	4592.00	5488.00	1592.00	5029.00	-5703.00	6004.00	46
47	2918.00	8874.00	896.00	6035.00	-5451.00	9531.00	47
48	4125.00	9925.00	741.00	6654.00	-3814.00	10500.00	48

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TSGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
49	3385.00	9808.00	1709.00	6538.00	-4318.00	10240.00	49
50	4592.00	10240.00	548.00	7621.00	-3394.00	10500.00	50
51	2724.00	8991.00	315.50	8008.00	-4444.00	9531.00	51
52	4008.00	3269.00	1902.00	3172.00	-4570.00	6298.00	52
53	4242.00	2724.00	2095.00	2592.00	-3940.00	4157.00	53
54	4631.00	2101.00	2482.00	1122.00	-3226.00	2351.00	54
55	5020.00	2335.00	2676.00	1779.00	-3982.00	3275.00	55
56	4086.00	2491.00	2830.00	2012.00	-3604.00	2981.00	56
57	3463.00	4126.00	2250.00	2050.00	-3898.00	5458.00	57
58	5253.00	3425.00	3256.00	3056.00	-3016.00	5416.00	58
59	4475.00	2724.00	2560.00	2978.00	-4738.00	4703.00	59
60	4242.00	2880.00	2521.00	4023.00	-5032.00	5752.00	60
61	4086.00	11830.00	1554.00	7080.00	-7887.00	13650.00	61
62	5059.00	4242.00	2134.00	4565.00	-5577.00	4619.00	62
63	3463.00	9575.00	1206.00	5803.00	-5829.00	9489.00	63
64	3074.00	3503.00	1863.00	4294.00	-4360.00	6088.00	64
65	4086.00	3269.00	1554.00	4835.00	-4864.00	5164.00	65
66	4826.00	3697.00	2056.00	4410.00	-5157.00	4451.00	66
67	4358.00	7745.00	1322.00	5687.00	-4822.00	10240.00	67
68	4475.00	4126.00	1670.00	4796.00	-5283.00	3737.00	68
69	4826.00	5176.00	1438.00	5183.00	-5955.00	5080.00	69
70	4748.00	5643.00	1592.00	5880.00	-5997.00	6298.00	70
71	2451.00	6072.00	857.50	4216.00	-3898.00	4199.00	71
72	1400.00	5410.00	393.30	4062.00	-4233.00	4031.00	72
73	2762.00	8874.00	625.00	6151.00	-6795.00	7851.00	73
74	1361.00	6928.00	199.50	4720.00	-2470.00	6046.00	74
75	1517.00	6150.00	122.00	4255.00	-1799.00	5038.00	75
76	1089.00	6344.00	316.10	3675.00	-4108.00	5416.00	76
77	4125.00	8134.00	857.20	4758.00	-6333.00	6466.00	77
78	3697.00	7940.00	1128.00	5803.00	-7130.00	6676.00	78
79	3307.00	8407.00	470.50	6074.00	-6333.00	7641.00	79
80	5565.00	9964.00	2830.00	5803.00	-3604.00	8859.00	80

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FLIGHT LOADS

CH-4A FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TSGW 20800 TCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-7081.00	3075.00	1447.00	10920.00	39000.00	11890.00	2
3	-6391.00	2008.00	680.50	8235.00	41680.00	8919.00	3
4	-6109.00	1789.00	1255.00	7278.00	43310.00	7581.00	4
5	-6235.00	1977.00	1734.00	7948.00	44500.00	8473.00	5
6	-6046.00	2102.00	1542.00	7756.00	45240.00	8324.00	6
7	-6046.00	1726.00	1925.00	7373.00	45840.00	7729.00	7
8	-5763.00	3389.00	1734.00	9480.00	46580.00	9959.00	8
9	-5858.00	3545.00	2021.00	10530.00	46730.00	10700.00	9
10	-5512.00	3389.00	2117.00	10050.00	46880.00	10260.00	10
11	-5889.00	3639.00	2500.00	10250.00	47770.00	11150.00	11
12	-5607.00	3545.00	2021.00	10150.00	48220.00	10700.00	12
13	-5042.00	4298.00	2404.00	10150.00	50450.00	10850.00	13
14	-4414.00	7310.00	3457.00	13690.00	53110.00	15300.00	14
15	-3693.00	8408.00	2691.00	13120.00	50450.00	12930.00	15
16	-2846.00	7561.00	2308.00	11390.00	50450.00	12040.00	16
17	-4729.00	9820.00	2499.00	17330.00	51340.00	16200.00	17
18	-4540.00	8502.00	5755.00	20970.00	53860.00	22590.00	18
19	-3630.00	9286.00	1925.00	15610.00	51040.00	15900.00	19
20	-4540.00	7435.00	3840.00	17330.00	51040.00	17990.00	20
21	-4320.00	7718.00	1159.00	9671.00	50590.00	9514.00	21
22	-3380.00	7969.00	584.50	10630.00	49700.00	10110.00	22
23	-5732.00	8690.00	3936.00	22020.00	51630.00	22740.00	23
24	-4603.00	9004.00	1925.00	20590.00	50590.00	21700.00	24
25	-4916.00	6996.00	4415.00	12160.00	50740.00	14420.00	25
26	-3944.00	7592.00	3553.00	12450.00	51730.00	14270.00	26
27	-4728.00	7561.00	3649.00	14460.00	52230.00	14420.00	27
28	-2438.00	8157.00	2882.00	14650.00	50150.00	15900.00	28
29	-2533.00	8314.00	2595.00	11870.00	50890.00	12780.00	29
30	-2219.00	8377.00	4127.00	22980.00	55050.00	22290.00	30
31	-5324.00	7781.00	2500.00	16370.00	49260.00	16200.00	31
32	-4798.00	8316.00	-2001.00	14550.00	45240.00	15760.00	32
33	-6140.00	7717.00	4798.00	15220.00	50140.00	15600.00	33
34	-5199.00	4957.00	5851.00	13210.00	54460.00	14570.00	34
35	-3912.00	4173.00	7287.00	11200.00	53570.00	13380.00	35
36	-4728.00	6933.00	4798.00	14460.00	51180.00	14560.00	36
37	-3881.00	3012.00	5564.00	10050.00	57870.00	14410.00	37
38	-4477.00	4549.00	6808.00	12640.00	58470.00	17090.00	38
39	-6453.00	4957.00	6617.00	17240.00	58020.00	22590.00	39
40	-4351.00	4612.00	4702.00	11680.00	57880.00	15310.00	40
41	-2658.00	3357.00	5659.00	12070.00	55640.00	16640.00	41
42	-1967.00	5804.00	8149.00	12260.00	55940.00	15750.00	42
43	-4728.00	4173.00	6138.00	10820.00	47320.00	11590.00	43
44	-4610.00	4863.00	4702.00	12640.00	45090.00	14120.00	44
45	-4767.00	8471.00	3361.00	22410.00	45690.00	26010.00	45
46	-7646.00	5208.00	2117.00	13690.00	43460.00	14270.00	46
47	-4767.00	7279.00	3840.00	23270.00	44050.00	30320.00	47
48	-5826.00	8094.00	5276.00	24700.00	46430.00	28240.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVE
49	-5355.00	7373.00	6425.00	25660.00	46730.00	31510.00	49
50	-4942.00	8596.00	7287.00	30160.00	48360.00	37010.00	50
51	-5543.00	8565.00	7383.00	30450.00	49100.00	38050.00	51
52	-4352.00	5239.00	5181.00	8714.00	46730.00	8621.00	52
53	-4979.00	4298.00	3936.00	9193.00	47470.00	10550.00	53
54	-5136.00	1631.00	871.50	4022.00	45690.00	4311.00	54
55	-5732.00	2792.00	1638.00	8809.00	44800.00	7581.00	55
56	-4540.00	2792.00	1542.00	6990.00	45840.00	6243.00	56
57	-5042.00	4863.00	3361.00	9001.00	46880.00	9068.00	57
58	-4289.00	5051.00	3457.00	10250.00	42270.00	10110.00	58
59	-4791.00	3733.00	6330.00	10630.00	44050.00	11000.00	59
60	-5199.00	4392.00	5659.00	11870.00	43460.00	12780.00	60
61	-7332.00	9914.00	6138.00	33800.00	47470.00	40870.00	61
62	-5983.00	4549.00	5372.00	10630.00	42570.00	11890.00	62
63	-7363.00	8000.00	4223.00	20970.00	44200.00	23930.00	63
64	-4100.00	4363.00	5181.00	9097.00	47170.00	10550.00	64
65	-5763.00	4706.00	5372.00	10630.00	45990.00	13530.00	65
66	-4422.00	3671.00	4702.00	11110.00	45240.00	12780.00	66
67	-6391.00	8910.00	680.00	19730.00	42120.00	22450.00	67
68	-4203.00	3639.00	3361.00	11490.00	44500.00	12340.00	68
69	-6924.00	5114.00	1350.00	14270.00	42860.00	15460.00	69
70	-7834.00	6149.00	2116.00	19250.00	44640.00	24670.00	70
71	-3191.00	4267.00	5181.00	11780.00	51340.00	14120.00	71
72	-4885.00	4580.00	5468.00	13980.00	53570.00	17540.00	72
73	-5198.00	7216.00	3266.00	20970.00	48800.00	25260.00	73
74	-2375.00	5836.00	3745.00	12060.00	50140.00	15600.00	74
75	-1999.00	5522.00	4415.00	11590.00	50440.00	15900.00	75
76	-3065.00	4706.00	4893.00	10530.00	50300.00	14860.00	76
77	-4893.00	6651.00	2117.00	19050.00	50440.00	23630.00	77
78	-4665.00	6557.00	5851.00	19530.00	48360.00	24230.00	78
79	-7520.00	7279.00	2404.00	18770.00	48650.00	25410.00	79
80	-5324.00	6339.00	4319.00	17040.00	40190.00	16950.00	80

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CH-46 COMPOSITE ROTOR BLADE FLIGHT STRESS SURVEY DATA. VOLUME X--ETC(U)

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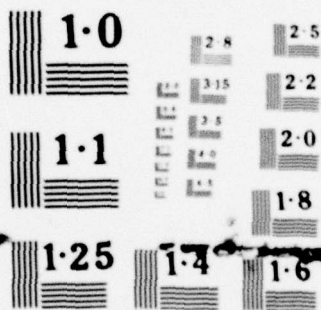
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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TCGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	33480.00	10640.00	-76.72	1476.00	-619.90	1373.00	2
3	34300.00	7483.00	314.80	843.40	-230.70	746.00	3
4	37630.00	6485.00	495.60	843.40	-144.20	659.50	4
5	38430.00	7150.00	446.20	933.80	-101.00	745.90	5
6	39300.00	7150.00	706.40	994.00	-122.60	767.60	6
7	40130.00	6651.00	826.90	873.50	-46.94	648.60	7
8	40460.00	8979.00	947.40	1054.00	-25.31	908.10	8
9	40960.00	9810.00	1128.00	1175.00	-79.38	1027.00	9
10	40130.00	9644.00	1158.00	1084.00	-79.34	983.80	10
11	42290.00	9478.00	1188.00	1295.00	-79.38	1178.00	11
12	42620.00	9478.00	1520.00	1205.00	-46.94	994.60	12
13	44620.00	9145.00	1610.00	1476.00	-133.40	1211.00	13
14	46450.00	15630.00	1279.00	4819.00	-1182.00	4011.00	14
15	47110.00	11640.00	947.20	4488.00	-1291.00	3708.00	15
16	45450.00	9644.00	1520.00	3132.00	-955.10	2681.00	16
17	47790.00	13630.00	1369.00	5693.00	-1101.00	4449.00	17
18	45280.00	20450.00	826.50	6115.00	-615.00	4935.00	18
19	43450.00	12640.00	1098.00	4939.00	-1393.00	4157.00	19
20	41630.00	14130.00	1670.00	4247.00	-1107.00	3633.00	20
21	44950.00	9478.00	1760.00	2711.00	-619.90	2411.00	21
22	44790.00	7316.00	2152.00	2440.00	-565.80	2184.00	22
23	41790.00	18620.00	2483.00	5482.00	-1096.00	4335.00	23
24	41290.00	17460.00	2032.00	5512.00	-1015.00	4535.00	24
25	43620.00	14470.00	2031.00	2259.00	-609.10	2011.00	25
26	46450.00	12300.00	2122.00	2891.00	-814.50	2562.00	26
27	45450.00	11970.00	2213.00	3103.00	-1052.00	2714.00	27
28	44950.00	15800.00	2272.00	1958.00	-68.56	1665.00	28
29	45280.00	9811.00	2092.00	3223.00	-1020.00	2659.00	29
30	45450.00	21610.00	2062.00	5422.00	-1026.00	4525.00	30
31	43620.00	14130.00	2122.00	4277.00	-1031.00	4249.00	31
32	40630.00	10810.00	1550.00	4669.00	-879.70	4573.00	32
33	44620.00	12470.00	1791.00	3765.00	-1409.00	3590.00	33
34	45950.00	12800.00	2062.00	2771.00	-728.00	2368.00	34
35	44950.00	13140.00	2815.00	1536.00	-46.94	1211.00	35
36	44620.00	10140.00	1610.00	3885.00	-1258.00	3330.00	36
37	49610.00	13800.00	3056.00	1415.00	136.80	1070.00	37
38	48940.00	16790.00	3056.00	1596.00	-3.69	1254.00	38
39	44110.00	20950.00	2464.00	2048.00	50.38	1459.00	39
40	50600.00	15800.00	3056.00	2439.00	-3.69	1881.00	40
41	47280.00	16460.00	3086.00	1506.00	71.97	1265.00	41
42	44610.00	14470.00	3718.00	1958.00	547.70	1459.00	42
43	38630.00	9146.00	2032.00	1416.00	-446.90	1265.00	43
44	36970.00	11140.00	1731.00	1958.00	-555.00	1719.00	44
45	35970.00	21450.00	193.50	4579.00	-1663.00	3887.00	45
46	36300.00	11140.00	1580.00	2530.00	-619.90	2173.00	46
47	38460.00	28260.00	-107.50	6326.00	-982.30	4568.00	47
48	40790.00	27260.00	133.50	6266.00	-906.60	4643.00	48

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TCGW 20800 TCCR 9.7 AFT FLIGHT DATE 06/11/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
49	39790.00	28930.00	1158.00	5723.00	-349.80	4600.00	49
50	36130.00	36910.00	194.00	6506.00	-776.90	4773.00	50
51	37470.00	38240.00	405.00	6476.00	-798.50	4752.00	51
52	40130.00	8979.00	1761.00	1024.00	82.78	951.30	52
53	40790.00	9311.00	1761.00	1446.00	-263.20	1232.00	53
54	42120.00	3991.00	1911.00	572.30	-3.69	410.80	54
55	40790.00	6984.00	2092.00	1175.00	115.30	810.80	55
56	40300.00	5487.00	1640.00	783.20	-101.00	551.30	56
57	42960.00	7815.00	2062.00	1506.00	-57.75	1092.00	57
58	37640.00	9145.00	977.50	1928.00	-1031.00	1741.00	58
59	36640.00	9145.00	1490.00	1115.00	-241.50	951.30	59
60	35810.00	11310.00	1429.00	1416.00	-382.10	1222.00	60
61	42120.00	36910.00	-419.50	6356.00	-1101.00	4449.00	61
62	34970.00	8813.00	1128.00	1837.00	-511.80	1611.00	62
63	35470.00	20620.00	1038.00	4638.00	-1247.00	3925.00	63
64	39960.00	10480.00	1219.00	1325.00	-338.80	1200.00	64
65	38630.00	10140.00	1188.00	1777.00	-371.30	1470.00	65
66	37630.00	9478.00	1098.00	1868.00	-501.00	1600.00	66
67	35310.00	16790.00	345.00	3705.00	-1150.00	3005.00	67
68	37970.00	10140.00	1158.00	2410.00	-522.60	1989.00	68
69	37140.00	11970.00	1068.00	2741.00	-501.00	2314.00	69
70	39300.00	21450.00	1038.00	3012.00	-414.50	2508.00	70
71	42290.00	14130.00	1470.00	1777.00	-165.80	1265.00	71
72	44950.00	16790.00	2032.00	1958.00	158.50	1243.00	72
73	41120.00	25600.00	1038.00	2349.00	-241.50	1968.00	73
74	41790.00	15300.00	2453.00	2139.00	320.60	1643.00	74
75	41790.00	16960.00	2122.00	1747.00	-14.50	1222.00	75
76	41790.00	15300.00	2604.00	2229.00	645.00	1341.00	76
77	40130.00	19620.00	1821.00	2048.00	-36.09	1330.00	77
78	44450.00	22940.00	1580.00	2109.00	-641.50	1611.00	78
79	39130.00	25940.00	2212.00	2319.00	7.13	1568.00	79
80	36140.00	17290.00	1459.00	1928.00	-706.40	1438.00	80

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TSGH 20800 TCCR 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	-27.09	939.30	719.40	191.30	1075.00	263.50	2
3	-8.47	623.10	803.50	122.40	1036.00	193.70	3
4	-27.06	548.70	803.50	122.40	1029.00	170.50	4
5	-8.47	604.50	788.20	137.70	1029.00	201.50	5
6	.81	632.40	818.80	137.80	1029.00	201.50	6
7	-8.50	548.70	811.20	114.80	1013.00	170.50	7
8	47.34	790.50	895.30	260.20	1044.00	248.00	8
9	56.63	874.20	887.70	252.50	1036.00	271.20	9
10	84.53	809.10	918.30	237.20	1052.00	255.70	10
11	47.31	920.70	903.00	267.80	1036.00	302.20	11
12	38.03	855.60	926.00	260.20	1029.00	278.90	12
13	-203.80	1116.00	926.00	290.80	1021.00	333.20	13
14	-1031.00	2948.00	941.30	428.50	943.30	596.60	14
15	-994.30	2874.00	910.70	459.20	889.10	619.90	15
16	-771.10	2055.00	910.70	382.60	951.10	526.90	16
17	-575.80	3348.00	987.20	658.10	1013.00	821.30	17
18	-761.90	3627.00	941.30	658.10	989.80	736.10	18
19	-1255.00	3339.00	895.30	443.80	974.30	643.10	19
20	-929.10	2641.00	994.80	405.60	912.30	674.10	20
21	-324.70	2278.00	956.60	336.70	927.80	534.60	21
22	-622.30	2074.00	895.30	306.10	858.10	511.40	22
23	-529.30	3171.00	971.90	658.10	958.80	844.60	23
24	-250.30	3283.00	956.60	658.10	958.80	798.10	24
25	-566.40	1869.00	1003.00	352.00	958.80	488.20	25
26	-892.00	2158.00	1041.00	344.40	951.00	511.40	26
27	-845.50	2390.00	933.60	420.90	982.00	526.90	27
28	-138.70	1367.00	979.50	405.60	966.50	480.40	28
29	-947.80	2325.00	926.00	397.90	881.30	550.10	29
30	-1050.00	3711.00	903.00	726.90	858.10	805.80	30
31	-464.20	2809.00	964.20	635.20	1067.00	658.60	31
32	-761.80	2846.00	987.20	627.50	1083.00	705.10	32
33	-1413.00	2920.00	1064.00	321.40	951.10	557.90	33
34	-585.10	2092.00	1025.00	267.80	966.60	325.40	34
35	112.40	855.60	1056.00	329.10	935.60	232.40	35
36	-1478.00	3116.00	956.60	336.70	927.80	534.60	36
37	214.70	809.10	1324.00	306.10	1013.00	201.50	37
38	251.90	864.90	1316.00	375.00	1029.00	309.90	38
39	-287.50	1479.00	1263.00	535.70	1098.00	457.20	39
40	270.50	1125.00	1178.00	344.30	974.30	302.20	40
41	242.60	855.60	1255.00	313.80	1075.00	217.00	41
42	112.40	1004.00	1278.00	413.20	889.10	371.90	42
43	-8.47	920.70	872.40	283.10	951.10	371.90	43
44	-8.47	1032.00	864.80	198.90	966.60	387.40	44
45	-854.80	2437.00	834.10	459.10	989.80	658.60	45
46	84.53	1386.00	826.50	298.40	1036.00	379.70	46
47	-706.00	2902.00	857.10	573.90	1013.00	619.90	47
48	-854.80	2827.00	795.90	665.80	904.60	666.40	48

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FLIGHT LEADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TSGW 20800 TUCR 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
49	-724.60	2678.00	818.80	673.40	935.60	666.40	49
50	-529.30	3283.00	803.50	673.40	873.60	697.40	50
51	-929.50	3478.00	857.10	528.00	935.60	635.40	51
52	47.34	660.30	925.90	229.60	958.80	379.70	52
53	-231.70	1032.00	880.00	199.00	920.10	263.40	53
54	65.94	232.50	849.40	153.10	881.30	147.20	54
55	158.90	418.50	826.50	145.40	927.80	193.70	55
56	-64.25	269.70	895.30	153.00	904.60	185.90	56
57	-129.40	348.60	872.40	283.10	912.30	333.20	57
58	-771.10	1646.00	473.40	221.90	772.80	348.70	58
59	-45.66	697.50	673.40	252.50	889.10	294.40	59
60	10.13	902.10	727.00	198.90	896.80	364.20	60
61	-120.10	3580.00	734.70	711.70	1021.00	891.10	61
62	-222.40	1190.00	704.00	237.20	958.80	302.20	62
63	-798.90	2418.00	834.10	581.60	1005.00	612.10	63
64	-64.28	902.10	918.30	267.80	966.60	371.90	64
65	-82.88	976.50	903.00	191.30	974.30	333.20	65
66	-64.28	1032.00	841.80	206.60	989.80	286.70	66
67	-399.10	2111.00	818.80	474.40	1005.00	643.10	67
68	.31	1135.00	841.80	221.90	997.60	247.90	68
69	47.31	1330.00	788.20	244.80	1052.00	333.20	69
70	186.80	1693.00	772.90	290.80	1060.00	418.40	70
71	140.30	753.30	1110.00	382.60	966.60	278.90	71
72	251.90	920.70	1156.00	367.30	1021.00	255.70	72
73	-64.28	1627.00	1094.00	627.50	1199.00	511.40	73
74	521.60	1097.00	1156.00	443.80	889.10	387.40	74
75	186.80	781.20	1194.00	390.30	881.30	333.20	75
76	503.00	818.40	1209.00	436.20	997.60	356.40	76
77	-166.60	1228.00	1094.00	535.70	1153.00	449.40	77
78	186.80	1562.00	1087.00	482.10	1176.00	426.20	78
79	-306.10	1497.00	1087.00	619.80	1176.00	519.20	79
80	-459.50	1255.00	473.40	726.90	850.30	534.70	80

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124
TGGH 20800 TCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49860SDY	69860ALT	EVENT
2	-8952.00	8169.00	2
3	-13660.00	5954.00	3
4	-13660.00	4847.00	4
5	-14210.00	5400.00	5
6	-12140.00	5539.00	6
7	-14210.00	5123.00	7
8	-8814.00	6093.00	8
9	-7983.00	6093.00	9
10	-8260.00	6093.00	10
11	-5352.00	6231.00	11
12	-7291.00	6508.00	12
13	-7845.00	6785.00	13
14	2125.00	9277.00	14
15	-2029.00	9277.00	15
16	-2445.00	8031.00	16
17	-921.00	9000.00	17
18	-7567.00	11490.00	18
19	-506.00	9692.00	19
20	-9091.00	8862.00	20
21	-10060.00	7062.00	21
22	-15600.00	7062.00	22
23	-14710.00	10380.00	23
24	-12970.00	10250.00	24
25	878.30	11630.00	25
26	-2583.00	7616.00	26
27	-11030.00	13290.00	27
28	-1475.00	9277.00	28
29	-1752.00	7892.00	29
30	-4937.00	11630.00	30
31	-14350.00	10520.00	31
32	-11030.00	13850.00	32
33	5033.00	9416.00	33
34	18880.00	7754.00	34
35	29540.00	5954.00	35
36	-5490.00	9969.00	36
37	43660.00	6785.00	37
38	42420.00	8308.00	38
39	40340.00	8446.00	39
40	42690.00	7200.00	40
41	43520.00	6647.00	41
42	36190.00	7615.00	42
43	10850.00	8031.00	43
44	4002.00	9277.00	44
45	-90.50	11220.00	45
46	879.00	10250.00	46
47	-8122.00	17310.00	47
48	-11310.00	16620.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 124

TGGW 20800 TCGR 9.7 AFT FLIGHT DATE 08/11/77

EVENT	69860SDY	69860ALT	EVENT
49	-7429.00	15230.00	49
50	-10610.00	19520.00	50
51	-7290.00	19520.00	51
52	4971.00	6092.00	52
53	-3690.00	5123.00	53
54	-7429.00	2770.00	54
55	-12410.00	8862.00	55
56	-10340.00	4847.00	56
57	-5906.00	11770.00	57
58	-17950.00	6369.00	58
59	2679.00	7062.00	59
60	4556.00	8169.00	60
61	-1337.00	16890.00	61
62	2679.00	7062.00	62
63	-9921.00	10520.00	63
64	15560.00	6646.00	64
65	18050.00	7477.00	65
66	12230.00	8031.00	66
67	6141.00	10800.00	67
68	10430.00	8723.00	68
69	2956.00	10110.00	69
70	-1060.00	13020.00	70
71	47680.00	6646.00	71
72	47960.00	8308.00	72
73	46430.00	10110.00	73
74	47260.00	7062.00	74
75	48920.00	7339.00	75
76	50310.00	8723.00	76
77	43390.00	12050.00	77
78	39650.00	11630.00	78
79	44490.00	9831.00	79
80	1710.00	10520.00	80

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 126
TGGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.54	7.29	11.90	-2.82	14.26	.90	2
4	3.81	2.70	6.79	1.11	14.14	.77	4
5	4.61	3.22	7.84	1.11	14.63	.86	5
6	4.44	3.82	8.33	.62	14.67	1.63	6
7	5.03	7.01	12.04	-3.24	14.26	1.63	7
8	4.65	3.40	8.05	1.18	14.92	.41	8
9	4.68	6.80	11.55	-2.26	13.29	.90	9
10	4.47	7.15	11.69	-2.96	11.74	.90	10
11	4.37	7.74	12.11	-3.45	13.49	1.02	11
12	4.19	7.36	11.62	-3.17	14.67	1.22	12
13	4.42	9.23	13.65	-4.81	15.20	1.51	13
14	4.65	9.29	13.93	-4.78	15.12	1.51	14
15	4.44	9.27	13.72	-4.81	15.32	1.55	15
16	5.54	10.35	15.90	-4.81	15.32	1.79	16
17	5.10	7.15	12.39	-2.11	13.86	.98	17
18	5.00	6.27	11.55	-1.41	14.02	.90	18
19	4.37	4.87	9.24	-.50	14.31	.86	19
20	5.84	7.04	12.88	-1.27	14.06	1.10	20
21	4.93	7.39	12.32	-2.47	13.77	1.06	21
22	6.40	9.85	16.53	-3.66	12.22	1.63	22
23	4.54	7.50	12.04	-3.45	13.65	.94	23
24	5.21	8.94	14.14	-3.73	16.14	1.88	24
25	5.64	7.99	13.65	-3.17	11.49	1.14	25
26	5.10	8.27	13.37	-3.45	13.86	1.22	26
27	4.51	8.16	13.93	-3.66	12.51	1.26	27
28	6.09	9.88	15.97	-4.15	14.47	1.59	28
29	6.89	9.57	16.66	-4.15	15.49	1.71	29
30	6.40	11.18	17.58	-4.81	13.45	1.88	30
31	4.37	7.11	11.48	-3.03	14.02	1.47	31
32	4.16	7.74	12.32	-3.59	13.94	1.63	32
33	3.88	7.53	11.97	-3.66	14.43	1.47	33
34	3.81	7.11	11.06	-3.31	14.43	1.55	34
35	6.49	11.30	17.86	-4.81	12.76	2.41	35
36	4.58	6.69	11.27	-2.53	10.96	.94	36

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 126

TGGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	12.80	3.30	1184.00	1925.00	13630.00	7800.00	2
4	11.59	4.03	1184.00	1629.00	14990.00	5426.00	4
5	11.88	4.60	739.50	1778.00	13290.00	6443.00	5
6	12.15	3.03	443.50	1778.00	11770.00	8309.00	6
7	12.21	10.55	-889.50	3999.00	4305.00	16110.00	7
8	13.26	2.84	740.00	1481.00	14140.00	5257.00	8
9	12.18	2.46	888.00	1629.00	16250.00	6613.00	9
10	11.31	2.41	1036.00	2370.00	15160.00	10680.00	10
11	12.64	1.19	887.50	2222.00	15500.00	7969.00	11
12	14.13	2.14	739.50	2370.00	15500.00	7630.00	12
13	14.99	2.95	-149.00	5332.00	17190.00	24590.00	13
14	15.21	2.90	1480.00	4591.00	17190.00	19160.00	14
15	15.56	3.09		4900.00	15160.00	17470.00	15
16	14.84	3.52	2000.00	2500.00	19400.00	25770.00	16
17	12.15	3.19	740.00	2962.00	12610.00	13900.00	17
18	12.69	2.92	295.00	4591.00	16510.00	16110.00	18
19	12.37	3.46	443.50	2370.00	14310.00	9495.00	19
20	12.84	3.57	2221.00	4443.00	19230.00	19160.00	20
21	12.29	3.71	887.50	4888.00	13800.00	21870.00	21
22	11.13	3.63	2073.00	5776.00	20580.00	26280.00	22
23	12.18	2.84	443.00	1481.00	15160.00	6274.00	23
24	14.97	2.70	1184.00	2222.00	15330.00	8478.00	24
25	12.02	2.46	1777.00	3407.00	14820.00	14070.00	25
26	12.77	3.27	887.50	1926.00	17530.00	9326.00	26
27	12.94	4.47	1925.00	5036.00	18550.00	21530.00	27
28	11.53	4.90	1184.00	3999.00	19740.00	18310.00	28
29	15.16	5.17	739.50	6221.00	19060.00	28490.00	29
30	13.10	5.11		6500.00	17530.00	28660.00	30
31	13.15	3.38	887.50	2222.00	13970.00	8817.00	31
32	12.99	3.44	1184.00	2814.00	15330.00	9835.00	32
33	13.59	3.11	147.00	3258.00	14650.00	10510.00	33
34	13.29	4.17	887.50	1926.00	14990.00	8478.00	34
35	11.23	3.30	0.0	4500.00	9053.00	42220.00	35
36	11.83	3.63	-149.00	6516.00	11260.00	28150.00	36

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 126
TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	3926.00	3658.00	2522.00	3249.00	-5114.00	4744.00	2
4	4627.00	2101.00	2406.00	1431.00	-3350.00	3485.00	4
5	4315.00	2257.00	2328.00	1664.00	-3644.00	3527.00	5
6	4121.00	2762.00	2676.00	1780.00	-2301.00	3275.00	6
7	1086.00	5954.00	1361.00	3249.00	-1252.00	6256.00	7
8	4549.00	2256.00	2715.00	2205.00	-3686.00	1722.00	8
9	4743.00	2296.00	2522.00	3249.00	-5156.00	5122.00	9
10	3926.00	3502.00	1671.00	4488.00	-4652.00	5542.00	10
11	5210.00	4397.00	2328.00	4526.00	-5156.00	4954.00	11
12	5288.00	4553.00	2018.00	5068.00	-5827.00	4199.00	12
13	2487.00	9534.00	1090.00	7080.00	-5114.00	10290.00	13
14	4627.00	9417.00	548.50	7080.00	-5366.00	9950.00	14
15	4198.00	9689.00	1052.00	6964.00	-5282.00	9950.00	15
16	3810.00	10000.00	548.50	9324.00	-4904.00	10500.00	16
17	4160.00	4046.00	1477.00	4062.00	-6037.00	9195.00	17
18	5211.00	4630.00	2406.00	4990.00	-5324.00	8817.00	18
19	4393.00	3658.00	1864.00	3211.00	-4400.00	5122.00	19
20	5521.00	5720.00	2444.00	5029.00	-5576.00	9908.00	20
21	6027.00	7471.00	2289.00	5416.00	-5072.00	10410.00	21
22	4977.00	10000.00	2289.00	5958.00	-6122.00	13810.00	22
23	4704.00	2724.00	2521.00	3714.00	-4778.00	4492.00	23
24	4417.00	3657.00	3140.00	3714.00	-5365.00	5668.00	24
25	4782.00	5214.00	2560.00	5610.00	-4988.00	9488.00	25
26	4354.00	3385.00	1941.00	5068.00	-4568.00	6213.00	26
27	5249.00	8483.00	857.50	5610.00	-6206.00	12300.00	27
28	4704.00	6070.00	2831.00	6035.00	-4736.00	11340.00	28
29	5716.00	11130.00	2715.00	6306.00	-7423.00	15110.00	29
30	5444.00	10160.00	2522.00	5958.00	-6248.00	15280.00	30
31	4782.00	5370.00	1554.00	5300.00	-4862.00	5080.00	31
32	5171.00	5759.00	1709.00	5919.00	-6877.00	5668.00	32
33	5016.00	5603.00	1671.00	5726.00	-6121.00	5920.00	33
34	5249.00	5136.00	2173.00	5300.00	-6457.00	5416.00	34
35	73.50	13500.00	1999.00	11740.00	-8935.00	15200.00	35
36	5327.00	9261.00	2328.00	7544.00	91.50	12890.00	36

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 126
TSGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-5323.00	4141.00	2495.00	12170.00	42100.00	13530.00	2
4	-4006.00	3638.00	4.00	7569.00	42250.00	6541.00	4
5	-4916.00	4047.00	291.50	8240.00	42250.00	8027.00	5
6	-3190.00	3764.00	-2104.00	8144.00	39420.00	6689.00	6
7	-2469.00	6430.00	579.00	10060.00	43580.00	8770.00	7
8	-5198.00	2384.00	2207.00	8048.00	45520.00	8027.00	8
9	-5229.00	3858.00	3645.00	11400.00	45810.00	12490.00	9
10	-4727.00	4109.00	3932.00	10730.00	45220.00	11590.00	10
11	-7080.00	3889.00	3262.00	13320.00	44770.00	15010.00	11
12	-7268.00	3638.00	2303.00	13890.00	44180.00	15610.00	12
13	-6735.00	7810.00	4220.00	26920.00	45810.00	31810.00	13
14	-8366.00	7497.00	1058.00	22800.00	45960.00	26900.00	14
15	-6609.00	7497.00	3645.00	26540.00	48040.00	32840.00	15
16	-4288.00	8500.00	7286.00	32860.00	48780.00	43100.00	16
17	-5668.00	7748.00	3645.00	13510.00	43880.00	16200.00	17
18	-3222.00	8814.00	3261.00	15040.00	42690.00	17090.00	18
19	-5449.00	4893.00	2974.00	11110.00	46410.00	12780.00	19
20	-6044.00	8877.00	4028.00	16770.00	43440.00	19620.00	20
21	-8460.00	9535.00	2016.00	18010.00	45660.00	24820.00	21
22	-4359.00	10950.00	4890.00	22230.00	48040.00	27800.00	22
23	-5919.00	3231.00	2591.00	10730.00	44180.00	11450.00	23
24	-7707.00	5144.00	-188.00	15430.00	42250.00	18130.00	24
25	-5292.00	8500.00	4603.00	15430.00	44330.00	18430.00	25
26	-5386.00	5897.00	3836.00	13510.00	45370.00	14420.00	26
27	-5794.00	10130.00	3357.00	20700.00	43280.00	23040.00	27
28	-5041.00	10380.00	2687.00	19830.00	41060.00	24380.00	28
29	-5919.00	11760.00	2878.00	25200.00	44470.00	31660.00	29
30	-7268.00	12360.00	1537.00	27310.00	46400.00	31210.00	30
31	-6139.00	4329.00	4124.00	15710.00	43730.00	17840.00	31
32	-7299.00	6179.00	-571.50	16770.00	43290.00	20960.00	32
33	-8052.00	5175.00	4315.00	17050.00	47000.00	19620.00	33
34	-4484.00	5677.00	2878.00	21370.00	45220.00	24670.00	34
35	-5731.00	14080.00	-3350.00	42540.00	41000.00	14000.00	35
36	-4226.00	13640.00	1153.00	16580.00	40910.00	19770.00	36

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 126
TCGW 20800 TCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	36450.00	14310.00	-802.50	1356.00	-470.30	1178.00	2
4	38280.00	5490.00	975.80	1145.00	-135.20	821.70	4
5	39270.00	6321.00	1217.00	1085.00	-232.50	789.20	5
6	38940.00	4825.00	1006.00	1055.00	156.80	616.30	6
7	37780.00	7986.00	1338.00	1808.00	113.50	1265.00	7
8	39770.00	7321.00	794.90	843.90	-81.13	529.80	8
9	38440.00	10980.00	583.90	1296.00	-351.40	1103.00	9
10	37610.00	9816.00	463.40	1718.00	-437.90	1405.00	10
11	36610.00	11480.00	373.00	2230.00	-556.80	1870.00	11
12	36950.00	12810.00	463.40	2863.00	-589.30	2335.00	12
13	37610.00	29110.00	-140.00	4551.00	-1676.00	3876.00	13
14	37610.00	25790.00	1036.00	4219.00	-956.90	3892.00	14
15	39270.00	30780.00	884.90	4189.00	-1249.00	4011.00	15
16	37610.00	43750.00	-562.00	6902.00	-800.20	4752.00	16
17	37780.00	13640.00	1157.00	1567.00	16.19	1254.00	17
18	38780.00	17970.00	-49.00	2110.00	-405.40	1827.00	18
19	39940.00	12480.00	734.70	1869.00	-383.80	1503.00	19
20	35280.00	18130.00	403.10	2019.00	-805.50	1622.00	20
21	44090.00	24950.00	794.90	2894.00	-708.20	2260.00	21
22	36780.00	27620.00	-381.00	4973.00	-1946.00	3606.00	22
23	38110.00	9450.00	433.30	1628.00	-513.60	1395.00	23
24	35280.00	17470.00	915.50	1929.00	-243.30	1751.00	24
25	36940.00	15810.00	493.50	2110.00	-437.90	1751.00	25
26	37440.00	12980.00	523.70	2200.00	-610.90	1795.00	26
27	37440.00	21430.00	493.20	4099.00	-848.70	2703.00	27
28	36450.00	25950.00	-592.00	3557.00	-1530.00	3341.00	28
29	36450.00	23950.00	-109.50	5004.00	-1325.00	3935.00	29
30	42600.00	30110.00	-2220.00	6029.00	-1600.00	3952.00	30
31	35610.00	15470.00	855.20	3135.00	-275.80	2324.00	31
32	38940.00	19300.00	342.80	3647.00	-848.70	2854.00	32
33	39440.00	16970.00	463.40	3105.00	-556.80	2584.00	33
34	35950.00	23130.00	373.00	3074.00	-286.50	2487.00	34
35	36000.00	12000.00	-5611.00	10440.00	-1060.00	4492.00	35
36	37940.00	23460.00	523.70	2441.00	-254.10	1654.00	36

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AIRCRAFT SLP1 FLIGHT 126
TGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	-46.66	828.60	780.40	206.60	996.10	294.40	2
4	-111.80	688.90	834.00	168.30	887.70	216.90	4
5	195.40	474.80	826.30	176.00	934.20	232.40	5
6	-0.09	391.00	864.60	244.80	825.70	201.40	6
7	-9.41	791.30	1064.00	413.20	771.50	395.10	7
8	-37.34	335.20	826.30	130.10	934.20	124.00	8
9	-9.41	791.30	803.40	168.30	1019.00	317.60	9
10	37.13	949.60	864.60	244.80	980.70	340.80	10
11	-28.03	1071.00	795.70	191.30	1027.00	325.30	11
12	-28.03	1294.00	757.50	229.50	1058.00	263.40	12
13	-875.20	2681.00	795.70	619.80	1019.00	658.40	13
14	-614.60	2197.00	772.80	489.70	1035.00	627.40	14
15	-288.70	2113.00	788.10	489.70	1012.00	635.20	15
16	-712.40	4083.00	749.80	604.50	972.90	689.40	16
17	-186.30	1303.00	811.00	329.00	1058.00	557.70	17
18	-1108.00	1797.00	703.90	374.90	1019.00	565.50	18
19	-316.70	1248.00	864.60	275.50	980.70	309.80	19
20	-391.10	1545.00	734.50	466.80	988.40	596.40	20
21	-679.70	2318.00	803.40	535.60	1012.00	650.70	21
22	-28.03	2486.00	788.10	627.40	1097.00	875.30	22
23	-83.88	903.10	841.60	145.40	1004.00	286.60	23
24	-437.70	1573.00	772.80	214.20	1012.00	371.80	24
25	-0.09	1434.00	849.30	367.30	988.40	581.00	25
26	37.16	1229.00	795.80	237.20	988.40	379.60	26
27	-633.20	2197.00	650.30	566.20	1089.00	790.10	27
28	-167.70	2402.00	658.00	451.40	972.90	689.40	28
29	-1118.00	3184.00	650.30	734.50	1151.00	945.10	29
30	-1346.00	3449.00	688.60	726.90	1097.00	968.30	30
31	65.06	1369.00	788.10	275.50	980.70	309.80	31
32	-195.60	1611.00	757.50	306.10	1120.00	356.30	32
33	27.84	1499.00	772.80	306.10	1081.00	364.10	33
34	186.10	1657.00	780.40	267.80	1081.00	317.60	34
35	-1122.00	3673.00	1125.00	948.80	1012.00	976.00	35
36	-484.20	1639.00	765.10	711.60	663.00	797.80	36

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CH-46 FGR STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 126

TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/11/77

EVENT	A9860SDY	69860ALT	EVENT
2	-1198.00	8170.00	2
4	-1890.00	6093.00	4
5	-6598.00	6647.00	5
6	-1613.00	11360.00	6
7	-1336.00	11360.00	7
8	-7568.00	4293.00	8
9	1849.00	7893.00	9
10	11960.00	8309.00	10
11	3511.00	9832.00	11
12	-1752.00	11220.00	12
13	-7291.00	14820.00	13
14	-6875.00	14680.00	14
15	-8953.00	15650.00	15
16	-10480.00	22430.00	16
17	-2444.00	9416.00	17
18	-3552.00	9970.00	18
19	-2998.00	8585.00	19
20	-5906.00	12320.00	20
21	-5214.00	11350.00	21
22	9465.00	17170.00	22
23	325.50	8032.00	23
24	-16980.00	15090.00	24
25	10710.00	11220.00	25
26	-505.00	10520.00	26
27	3510.00	12600.00	27
28	-5075.00	14260.00	28
29	-8537.00	15790.00	29
30	1434.00	18560.00	30
31	1157.00	12740.00	31
32	1987.00	14960.00	32
33	-2167.00	12460.00	33
34	-2167.00	13850.00	34
35	8773.00	26730.00	35
36	4280.00	10660.00	36

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 127
TGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/15/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.21	7.01	11.36	-2.87	11.94	.78	2
3	4.38	8.31	12.69	-4.06	12.72	.98	3
4	4.38	8.73	13.11	-4.41	12.02	1.02	4
5	4.24	8.38	12.62	-4.13	13.95	1.06	5
6	4.72	9.51	14.23	-4.80	14.23	1.43	6
7	4.21	7.64	11.92	-3.43	11.86	.94	7
8	4.00	7.15	11.36	-3.15	10.42	.82	8
9	4.07	5.68	9.75	-1.61	8.50	.61	9
10	4.24	8.73	13.60	-4.48	14.19	1.39	10
11	5.12	9.88	15.00	-4.80	13.99	1.76	11
12	4.63	6.17	10.87	-1.61	12.84	.78	12

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 127
TCGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/15/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	11.95	2.20	681.00	2222.00	14130.00	7811.00	2
3	12.85	2.15	829.00	1481.00	13790.00	5434.00	3
4	12.43	2.26	532.50	1778.00	12260.00	6962.00	4
5	13.94	1.11	829.00	1778.00	15320.00	8660.00	5
6	12.94	2.20		5000.00	13450.00	22410.00	6
7	11.63	1.41	236.50	2074.00	11750.00	10190.00	7
8	10.33	1.96	-208.00	4000.00	11410.00	16300.00	8
9	8.40	1.94	1570.00	3704.00	9543.00	14770.00	9
10	14.47	2.81	1422.00	5333.00	19050.00	25980.00	10
11	12.67	3.34	-8207.00	12890.00	11070.00	29890.00	11
12	12.51	3.24	1422.00	4445.00	10730.00	20040.00	12

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 127
TSGW 20800 TSCR 9.7 AFT FLIGHT DATE 08/15/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	3813.00	2642.00	1714.00	3865.00	-4162.00	5543.00	2
3	4473.00	2835.00	2487.00	4019.00	-4750.00	4619.00	3
4	4745.00	3263.00	2332.00	4329.00	-4414.00	5627.00	4
5	4250.00	4234.00	2294.00	4058.00	-5506.00	5459.00	5
6	3618.00	9518.00	747.50	5373.00	-5086.00	10580.00	6
7	4589.00	4351.00	1676.00	4599.00	-4750.00	6215.00	7
8	3541.00	5710.00	245.00	5334.00	-4666.00	7811.00	8
9	3113.00	5749.00	206.50	5373.00	-4960.00	5165.00	9
10	2569.00	10640.00	593.00	6841.00	-5758.00	10500.00	10
11	4609.00	11270.00	-218.50	7885.00	-4960.00	11880.00	11
12	4395.00	6721.00	2139.00	6609.00	-3196.00	7265.00	12

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 127
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/15/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-4222.00	4364.00	4457.00	10070.00	49100.00	10720.00	2
3	-5729.00	3736.00	3978.00	11700.00	47910.00	11910.00	3
4	-5761.00	4835.00	4458.00	11790.00	48650.00	12650.00	4
5	-7582.00	4207.00	2540.00	13330.00	46270.00	15630.00	5
6	-6797.00	9198.00	2827.00	23010.00	47460.00	28730.00	6
7	-4514.00	5275.00	4266.00	12750.00	48360.00	14440.00	7
8	-4640.00	6028.00	3978.00	15150.00	47760.00	17420.00	8
9	-5416.00	5180.00	5320.00	13810.00	47460.00	15330.00	9
10	-8241.00	8822.00	4553.00	25120.00	49390.00	31550.00	10
11	-7613.00	10960.00	1102.00	29150.00	49100.00	35130.00	11
12	-5541.00	7315.00	3978.00	13230.00	44040.00	15780.00	12

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 127
TGW 20800 TCR 9.7 AFT FLIGHT DATE 08/15/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	44770.00	8330.00	7279.00	1541.00	3279.00	967.60	2
3	43110.00	9329.00	7249.00	1994.00	3143.00	1194.00	3
4	42770.00	11330.00	7279.00	2024.00	3143.00	1225.00	4
5	41940.00	12160.00	7581.00	2206.00	3098.00	1360.00	5
6	43600.00	27480.00	6161.00	5439.00	2327.00	3190.00	6
7	42770.00	10660.00	7460.00	1843.00	3204.00	1164.00	7
8	42610.00	11490.00	7612.00	1995.00	3188.00	1119.00	8
9	43270.00	12490.00	7400.00	2085.00	3128.00	1149.00	9
10	43270.00	29820.00	7249.00	5076.00	2372.00	3115.00	10
11	47940.00	36480.00	4107.00	7191.00	1828.00	4052.00	11
12	42270.00	17160.00	7430.00	1934.00	3158.00	1058.00	12

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 127
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/15/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	3053.00	905.30	906.00	183.90	984.90	341.30	2
3	2973.00	1038.00	898.30	160.90	1024.00	287.00	3
4	2920.00	1038.00	906.00	199.20	1008.00	349.00	4
5	2933.00	1132.00	821.80	206.90	1055.00	349.00	5
6	2507.00	2436.00	898.40	574.60	1031.00	698.00	6
7	3013.00	998.50	875.40	229.90	1024.00	411.10	7
8	3026.00	1198.00	898.40	390.80	1024.00	488.60	8
9	2959.00	1158.00	982.60	367.80	1039.00	302.50	9
10	2627.00	2742.00	806.40	712.50	1094.00	682.50	10
11	2094.00	2875.00	722.20	873.40	1109.00	713.50	11
12	3053.00	1038.00	783.40	505.70	907.30	465.30	12

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 127
TSGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/15/77

EVENT	49860SDY	49860ALT	EVENT
2	11620.00	7484.00	2
3	5382.00	8731.00	3
4	10090.00	9562.00	4
5	-2240.00	9978.00	5
6	-4735.00	12470.00	6
7	11200.00	9008.00	7
8	22840.00	7900.00	8
9	35320.00	7345.00	9
10	-715.50	13440.00	10
11	-2656.00	22040.00	11
12	8154.00	8731.00	12

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 128
TCGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/18/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.66	6.78	11.44	-2.26	12.22	.82	2
4	4.17	6.43	10.67	-2.26	13.46	.90	4
5	4.38	6.43	10.95	-2.26	14.11	1.07	5
6	4.28	8.07	12.35	-3.80	15.84	1.40	6
7	4.17	7.90	12.07	-3.73	15.39	1.27	7
8	4.17	7.48	11.79	-3.31	15.51	1.31	8
9	5.12	8.98	14.10	-4.50	15.92	1.73	9
10	5.19	9.40	14.73	-4.43	15.51	1.73	10
11	4.07	6.05	10.18	-1.98	15.43	1.15	11
12	4.77	7.44	12.21	-3.03	15.59	1.40	12
13	4.38	6.50	10.88	-2.12	15.06	1.11	13
14	4.21	7.02	11.30	-2.89	15.43	1.23	14

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AIRCRAFT SLP1 FLIGHT 128
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/18/77

EVENT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	1197.00	2070.00	15610.00	8644.00	2
4	753.50	1923.00	12730.00	5762.00	4
5	310.00	2366.00	13580.00	7966.00	5
6	281.50	4141.00	14430.00	18980.00	6
7	161.50	3993.00	14090.00	15250.00	7
8	605.50	2662.00	10530.00	10680.00	8
9	753.00	4880.00	18320.00	26270.00	9
10	1345.00	5767.00	17650.00	28980.00	10
11	1049.00	2810.00	11210.00	11020.00	11
12	753.00	5767.00	17650.00	25930.00	12
13	1493.00	2366.00	16120.00	8813.00	13
14	161.50	3106.00	12560.00	11690.00	14

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 128
TCGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/18/77

EVENT	49720SDY	49720ALT	49740SDY	49740ALT	EVENT
2	4706.00	2957.00	-4739.00	4951.00	2
4	4784.00	4047.00	-5159.00	3272.00	4
5	5251.00	4747.00	-5411.00	4531.00	5
6	4200.00	8601.00	-5873.00	10110.00	6
7	4511.00	8211.00	-5117.00	9188.00	7
8	5251.00	5370.00	-4572.00	6712.00	8
9	2643.00	10620.00	-7508.00	11330.00	9
10	3110.00	13040.00	-5621.00	12210.00	10
11	3694.00	5993.00	-4152.00	7719.00	11
12	3227.00	11130.00	-2978.00	11080.00	12
13	5134.00	4553.00	-4823.00	7048.00	13
14	4550.00	5215.00	-5746.00	7720.00	14

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 128
TSGW 20800 TCCG 9.7 AFT FLIGHT DATE 03/18/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-5261.00	3578.00	5180.00	11570.00	46750.00	12340.00	2
4	-4454.00	2887.00	4888.00	12640.00	46450.00	13230.00	4
5	-7489.00	3609.00	6055.00	16530.00	47790.00	18730.00	5
6	-9372.00	9194.00	-1725.00	25280.00	45260.00	24230.00	6
7	-8023.00	7468.00	-3670.00	23920.00	47190.00	22890.00	7
8	-8336.00	5335.00	-363.50	25090.00	47340.00	24230.00	8
9	-7395.00	9476.00	5666.00	28200.00	48380.00	35970.00	9
10	-6516.00	9477.00	11890.00	32290.00	53280.00	42060.00	10
11	-5042.00	4299.00	-1628.00	25960.00	46740.00	25110.00	11
12	-4297.00	9571.00	4111.00	28590.00	45850.00	33440.00	12
13	-6673.00	3421.00	123.00	21300.00	48080.00	20210.00	13
14	-6517.00	4393.00	-946.50	25870.00	47050.00	25420.00	14

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLPI FLIGHT 128
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/18/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	38790.00	9638.00	780.60	1864.00	-504.20	1553.00	2
4	38790.00	10630.00	991.10	2616.00	-483.20	2203.00	4
5	38790.00	16950.00	1171.00	3278.00	-546.20	2644.00	5
6	37460.00	20940.00	510.00	3518.00	-1281.00	3043.00	6
7	37960.00	21770.00	1111.00	3879.00	-651.10	2875.00	7
8	36970.00	22430.00	1773.00	3758.00	-336.30	2854.00	8
9	39790.00	33230.00	539.50	5293.00	-1994.00	4680.00	9
10	42780.00	42200.00	690.00	6285.00	-2225.00	5415.00	10
11	37130.00	24590.00	1683.00	3608.00	-483.20	2791.00	11
12	37630.00	29080.00	419.80	4330.00	-1848.00	4281.00	12
13	39620.00	18110.00	1742.00	3368.00	-525.20	2623.00	13
14	37460.00	23930.00	2043.00	3849.00	-273.30	2959.00	14

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 128
TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 03/18/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	9840SDY	49840ALT	EVENT
2	.72	968.90	843.70	199.10	988.30	317.40	2
4	-12.75	1252.00	843.70	214.40	1004.00	224.50	4
5	-66.56	1467.00	782.40	245.10	1027.00	294.20	5
6	512.10	2315.00	690.50	627.90	1197.00	603.90	6
7	727.40	2342.00	843.70	612.70	1081.00	534.30	7
8	579.30	2167.00	813.00	704.50	1182.00	495.50	8
9	-470.30	2893.00	767.10	735.20	1011.00	712.30	9
10	-968.20	3068.00	767.10	750.50	1089.00	774.20	10
11	458.20	1965.00	698.20	650.90	1104.00	433.60	11
12	-726.00	2987.00	759.40	681.60	918.50	681.30	12
13	687.00	2140.00	667.50	467.20	1128.00	425.80	13
14	727.40	2261.00	797.70	765.80	1089.00	464.60	14

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 128
TCGW 20800 TCCG 9.7 AFT FLIGHT DATE 08/18/77

EVENT	49860SDY	69860ALT	EVENT
2	10380.00	8292.00	2
4	3881.00	8983.00	4
5	840.00	11190.00	5
6	-11040.00	13960.00	6
7	-10910.00	12710.00	7
8	-2833.00	13400.00	8
9	-12980.00	15890.00	9
10	-10770.00	18100.00	10
11	-7728.00	12300.00	11
12	-11180.00	14650.00	12
13	-6622.00	11190.00	13
14	-9662.00	13130.00	14

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 132
TCGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/24/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
3	4.20	2.21	6.55	1.92	13.34	.24	3
4	3.92	1.30	5.43	2.63	13.26	.16	4
5	3.92	.88	4.80	2.98	13.30	.20	5
6	4.20	1.65	5.92	2.56	13.42	.24	6
7	4.34	5.72	10.06	-1.37	12.38	.64	7
8	4.17	4.28	8.45	-.18	12.66	.52	8
9	3.22	4.10	7.32	-.88	11.59	.56	9
10	3.01	3.26	6.34	-.32	11.71	.52	10
11	3.47	4.42	7.89	-1.02	12.14	.64	11
12	3.22	4.80	8.02	-1.65	11.59	.64	12
13	3.15	5.65	8.87	-2.49	11.47	.68	13
14	3.33	6.59	9.92	-3.41	11.11	.80	14
15	3.50	7.61	11.18	-4.25	11.31	.84	15
16	4.20	6.42	10.62	-2.28	12.50	.76	16

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 132
TUGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/24/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
3	11.49	2.48	390.50	2363.00	13090.00	9492.00	3
4	11.67	1.46	981.00	1772.00	12240.00	7628.00	4
5	11.59	1.23	95.50	2068.00	10040.00	8136.00	5
6	11.34	1.15	538.50	2511.00	13090.00	8814.00	6
7	11.54	2.48	390.50	1477.00	13260.00	6611.00	7
8	11.59	1.85	686.00	1772.00	13600.00	7967.00	8
9	11.39	1.12	1129.00	1920.00	13430.00	8136.00	9
10	11.10	.89	1129.00	2215.00	14790.00	8814.00	10
11	11.80	1.90	538.00	2215.00	14110.00	9153.00	11
12	11.18	1.54	981.50	2068.00	12410.00	7458.00	12
13	11.20	1.67	981.00	1772.00	13430.00	6780.00	13
14	11.34	1.98	1277.00	2068.00	13770.00	8136.00	14
15	11.62	2.61	1277.00	2363.00	14110.00	8814.00	15
16	11.52	1.36	243.00	1624.00	12410.00	5085.00	16

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 132
TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/24/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
3	2992.00	3459.00	13370.00	14970.00	-3084.00	3442.00	3
4	4119.00	2954.00	14530.00	13810.00	-3503.00	2939.00	4
5	3031.00	3109.00	14900.00	13440.00	-4007.00	3946.00	5
6	4080.00	3537.00	14790.00	13550.00	-2748.00	3358.00	6
7	3769.00	2371.00	14420.00	13920.00	-4259.00	5122.00	7
8	3963.00	2643.00	13860.00	14480.00	-4595.00	5457.00	8
9	3925.00	2915.00	14230.00	14110.00	-4385.00	5667.00	9
10	3847.00	3381.00	16470.00	11870.00	-4385.00	5751.00	10
11	3381.00	3303.00	13820.00	14520.00	-4595.00	5457.00	11
12	3808.00	2954.00	13040.00	15300.00	-4847.00	5625.00	12
13	3847.00	2604.00	13220.00	15110.00	-4343.00	4954.00	13
14	4158.00	2682.00	14160.00	14180.00	-4427.00	5121.00	14
15	4002.00	2915.00	14270.00	14070.00	-4511.00	5373.00	15
16	4391.00	2915.00	13260.00	15080.00	-4847.00	3778.00	16

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 132
TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/24/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
3	-3875.00	2729.00	589.50	6092.00	36040.00	7876.00	3
4	-4219.00	2447.00	783.00	5898.00	37970.00	8025.00	4
5	-4533.00	2761.00	9.00	6478.00	37080.00	8619.00	5
6	-3780.00	2761.00	2330.00	5318.00	36480.00	6836.00	6
7	-4031.00	4329.00	3007.00	9476.00	41690.00	10550.00	7
8	-4784.00	5333.00	3007.00	8895.00	42280.00	10250.00	8
9	-4596.00	5521.00	3684.00	9379.00	42730.00	11000.00	9
10	-4439.00	5552.00	3200.00	9282.00	43020.00	11000.00	10
11	-4219.00	4329.00	3200.00	10440.00	42130.00	11590.00	11
12	-4094.00	4454.00	2910.00	9379.00	42130.00	10110.00	12
13	-4125.00	3545.00	3394.00	10060.00	43170.00	10550.00	13
14	-4219.00	3639.00	3974.00	10250.00	43320.00	11000.00	14
15	-4094.00	3890.00	3780.00	10830.00	42730.00	11890.00	15
16	-4474.00	3137.00	4451.00	10730.00	42870.00	11440.00	16

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 132
TCGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/24/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
3	31560.00	8981.00	433.00	902.30	-277.30	652.10	3
4	33390.00	7484.00	282.60	812.10	-277.30	568.00	4
5	33550.00	8980.00	72.00	842.20	-172.10	462.80	5
6	34880.00	7318.00	433.00	1023.00	-256.30	673.20	6
7	36050.00	9480.00	282.60	1053.00	-382.50	1010.00	7
8	36210.00	10310.00	673.60	1083.00	-193.20	904.60	8
9	36380.00	10480.00	763.80	1053.00	-298.30	841.50	9
10	35710.00	10810.00	824.00	1053.00	-235.20	778.30	10
11	36720.00	9479.00	342.70	1293.00	-613.90	1241.00	11
12	36880.00	8981.00	252.50	1323.00	-550.80	1304.00	12
13	35380.00	9479.00	342.70	1354.00	-571.80	1241.00	13
14	35710.00	9147.00	342.70	1474.00	-592.90	1304.00	14
15	34880.00	9313.00	342.70	1594.00	-656.00	1325.00	15
16	34050.00	8814.00	282.60	1895.00	-698.00	1662.00	16

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 132
TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/24/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
3	154.90	363.50	812.00	260.40	999.40	224.60	3
4	101.10	336.60	735.40	214.50	983.90	178.10	4
5	181.90	309.60	812.00	214.40	1046.00	240.00	5
6	47.25	471.20	735.40	229.80	991.60	247.80	6
7	46.63	767.40	812.00	168.50	1100.00	340.70	7
8	181.90	740.40	835.00	206.80	1123.00	363.90	8
9	101.10	740.40	827.30	214.50	1108.00	379.40	9
10	141.50	727.00	827.30	245.10	1116.00	371.70	10
11	20.28	928.90	835.00	237.40	1100.00	340.70	11
12	101.10	955.80	835.00	176.20	1108.00	333.00	12
13	87.59	861.60	827.30	153.20	1108.00	302.00	13
14	74.16	848.20	842.60	168.50	1116.00	309.70	14
15	74.16	875.00	819.70	206.80	1108.00	333.00	15
16	46.63	982.70	812.00	137.90	1116.00	232.30	16

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 132
TCGW 20800 TCG 9.7 AFT FLIGHT DATE 08/24/77

EVENT	69860SDY	69860ALT	EVENT
3	5318.00	4289.00	3
4	3105.00	3183.00	4
5	2136.00	3321.00	5
6	3381.00	4843.00	6
7	9192.00	6226.00	7
8	7670.00	6088.00	8
9	9884.00	6641.00	9
10	9054.00	7195.00	10
11	6840.00	6918.00	11
12	10850.00	6503.00	12
13	12100.00	6642.00	13
14	14590.00	7195.00	14
15	12650.00	8025.00	15
16	9054.00	7748.00	16

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TCGW 20800 TCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.11	1.80	6.05	2.17	13.16	.16	2
3	4.04	1.38	5.49	2.66	13.16	.16	3
4	2.63	1.52	4.29	1.11	12.55	.20	4
5	4.15	2.05	6.19	2.10	13.12	.28	5
6	4.75	6.10	10.85	-1.43	12.15	.69	6
7	4.36	5.01	9.37	-.65	12.11	.56	7
8	4.29	4.45	8.73	-.30	12.39	.60	8
9	3.12	3.99	7.82	-.94	11.95	.56	9
10	3.51	7.27	10.92	-3.97	11.59	.93	10
11	3.34	6.32	9.65	-3.05	11.87	.81	11
12	3.26	5.47	8.80	-2.21	11.67	.77	12
13	3.30	4.94	8.24	-1.85	12.07	.77	13
14	3.05	7.16	10.43	-4.11	14.08	1.09	14
15	3.88	8.88	12.76	-4.99	13.68	1.41	15
16	3.16	6.92	10.15	-3.76	13.88	1.13	16
17	4.39	9.28	13.67	-4.89	14.33	1.57	17
18	2.98	6.03	9.02	-3.05	14.16	1.01	18
19	3.69	7.87	11.56	-4.18	14.00	1.49	19
20	4.08	7.06	11.20	-2.98	15.13	1.09	20
21	4.50	8.68	13.18	-4.18	15.09	1.45	21
22	4.32	7.38	11.70	-3.34	15.29	1.33	22
23	4.25	6.81	11.06	-2.77	15.25	1.13	23
24	4.53	8.36	12.90	-3.83	15.61	1.49	24
25	4.11	6.25	10.36	-2.14	15.74	1.13	25
26	5.13	8.19	13.32	-3.40	15.82	1.53	26
27	4.18	6.88	11.06	-2.91	15.33	1.13	27
28	4.36	7.90	12.26	-3.69	14.97	1.25	28
29	4.04	5.19	9.23	-1.15	12.31	.60	29
30	4.04	5.33	9.44	-1.29	12.19	.56	30
31	4.01	4.73	8.80	-.72	12.15	.52	31
32	3.97	4.13	8.10	-.16	12.31	.52	32
33	3.83	3.42	7.25	.41	12.39	.44	33
34	4.01	3.88	7.89	.12	12.11	.56	34
35	3.90	4.27	8.24	-.37	11.95	.56	35
36	4.15	5.43	9.65	-1.29	11.91	.60	36
37	4.32	6.10	10.43	-1.92	11.75	.69	37
38	4.43	6.70	11.27	-2.28	11.59	.77	38
39	4.25	6.46	10.71	-2.21	12.43	1.53	39
40	4.11	5.47	9.58	-1.36	11.99	.69	40
41	4.15	4.94	9.09	-.79	12.67	1.05	41
42	4.01	3.95	8.03	.05	12.87	1.01	42
43	4.25	6.53	10.78	-2.35	11.91	.77	43
44	4.08	6.77	10.85	-2.77	13.48	.97	44
45	3.97	6.67	10.64	-2.70	13.48	.97	45
46	4.46	8.57	13.04	-4.18	13.96	1.37	46
47	3.97	5.82	9.79	-1.85	13.68	.93	47
48	4.85	7.98	12.83	-3.19	14.08	1.33	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
49	3.90	5.47	9.37	-1.57	13.76	.85	49
50	4.64	7.48	12.12	-2.84	14.00	1.25	50

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CH-46 FGR STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	11.38	2.19	1083.00	2221.00	12590.00	9369.00	2
3	11.44	1.70	639.00	2369.00	13280.00	9369.00	3
4	11.20	1.07	1379.00	3109.00	14980.00	11410.00	4
5	11.20	1.39	935.00	3257.00	12760.00	13630.00	5
6	11.41	2.38	787.00	2813.00	14470.00	13630.00	6
7	11.25	1.85	1083.00	3109.00	12590.00	12780.00	7
8	11.17	1.67	639.00	2961.00	12250.00	12780.00	8
9	10.94	1.54	-249.00	2961.00	11910.00	12780.00	9
10	11.56	1.75	1824.00	2369.00	14300.00	6984.00	10
11	11.62	1.54	639.00	1777.00	13790.00	6132.00	11
12	11.64	2.14	491.00	1925.00	13280.00	5621.00	12
13	12.09	2.90	343.00	1777.00	12930.00	5281.00	13
14	14.31	3.24	1232.00	2073.00	13100.00	6473.00	14
15	14.75	3.27	194.50	4590.00	14980.00	21630.00	15
16	14.57	3.66	787.00	1925.00	12420.00	6132.00	16
17	14.65	4.36	639.00	5922.00	17870.00	26910.00	17
18	14.67	4.60	2712.00	3553.00	12590.00	6644.00	18
19	14.94	4.99	47.00	5922.00	14640.00	28110.00	19
20	14.73	2.77	343.00	2073.00	12760.00	7154.00	20
21	15.17	3.16	-101.50	4886.00	16510.00	22830.00	21
22	14.72	3.19	1379.00	2813.00	13620.00	7666.00	22
23	14.88	3.34	639.00	2369.00	12930.00	7325.00	23
24	15.48	3.63	-101.50	4590.00	17020.00	22310.00	24
25	15.17	4.31	4488.00	6218.00	12420.00	8176.00	25
26	15.64	4.89	195.00	6662.00	20090.00	31510.00	26
27	15.01	3.37	491.00	2221.00	12590.00	7666.00	27
28	14.80	2.17	195.00	2221.00	14470.00	8177.00	28
29	11.85	2.25	-101.50	1629.00	16510.00	9880.00	29
30	11.75	2.25	-249.50	1777.00	12760.00	6473.00	30
31	11.80	1.73	-101.50	1629.00	12930.00	6984.00	31
32	11.64	1.20	195.00	1925.00	13960.00	8688.00	32
33	11.51	1.07	47.00	2073.00	13960.00	8347.00	33
34	11.54	1.93	-693.50	2221.00	10890.00	8006.00	34
35	11.25	1.28	-397.50	1629.00	11570.00	6644.00	35
36	11.49	1.36	46.50	1777.00	13100.00	7495.00	36
37	11.62	1.85	-249.50	2073.00	13430.00	7836.00	37
38	11.62	2.27	195.00	2517.00	13620.00	8688.00	38
39	11.62	1.39	46.50	1777.00	19240.00	12950.00	39
40	11.59	1.31	-249.50	1481.00	12590.00	5962.00	40
41	11.94	1.83	-101.50	1629.00	15830.00	8858.00	41
42	12.27	2.87	-397.50	1629.00	15150.00	9199.00	42
43	11.75	1.46	194.50	1629.00	13100.00	7155.00	43
44	13.92	2.64	47.00	2073.00	13280.00	7665.00	44
45	13.97	2.59	-101.50	1629.00	12760.00	6473.00	45
46	14.10	3.19	-397.00	6070.00	15830.00	27600.00	46
47	14.10	3.29	46.50	1777.00	12080.00	6814.00	47
48	14.54	3.84	-545.50	6515.00	16510.00	27940.00	48

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FLIGHT LOADS

CH-4A FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TSGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	29030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
49	14.23	4.10	343.00	2073.00	12080.00	8177.00	49
50	14.78	4.60	47.00	6218.00	17360.00	27770.00	50

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	4383.00	4138.00	14140.00	15330.00	-3081.00	4036.00	2
3	4812.00	3553.00	14900.00	14560.00	-2577.00	3783.00	3
4	4734.00	4178.00	14060.00	15410.00	-2955.00	4246.00	4
5	5086.00	4060.00	14100.00	15370.00	-2619.00	4414.00	5
6	4266.00	3553.00	1954.00	3458.00	-5057.00	6600.00	6
7	3680.00	3826.00	13940.00	15520.00	-4973.00	6516.00	7
8	3836.00	3982.00	13750.00	15720.00	-5057.00	6684.00	8
9	4266.00	4021.00	13640.00	15830.00	-4636.00	6516.00	9
10	4812.00	3006.00	13600.00	15870.00	-4847.00	4456.00	10
11	4383.00	2967.00	13710.00	15760.00	-4973.00	4162.00	11
12	4149.00	3123.00	13980.00	15490.00	-4889.00	4162.00	12
13	4344.00	3318.00	13750.00	15720.00	-4805.00	3741.00	13
14	4578.00	4178.00	13480.00	15990.00	-4636.00	4246.00	14
15	3641.00	8941.00	12790.00	16680.00	-5898.00	9962.00	15
16	4656.00	4334.00	12870.00	16600.00	-4721.00	4246.00	16
17	3602.00	11170.00	13060.00	16410.00	-5646.00	11900.00	17
18	4695.00	4217.00	13330.00	16140.00	-4847.00	4120.00	18
19	3173.00	10190.00	11790.00	17680.00	-5982.00	11220.00	19
20	4539.00	4685.00	13290.00	16180.00	-4469.00	4918.00	20
21	3485.00	10350.00	12020.00	17450.00	-6444.00	10420.00	21
22	4617.00	5310.00	13170.00	16290.00	-4763.00	5128.00	22
23	4578.00	5115.00	13290.00	16180.00	-4679.00	5128.00	23
24	3680.00	10070.00	11910.00	17560.00	-6444.00	10260.00	24
25	4461.00	5232.00	13020.00	16450.00	-4636.00	5423.00	25
26	2977.00	12570.00	9851.00	19620.00	-5898.00	12400.00	26
27	4539.00	5154.00	13210.00	16250.00	-4384.00	5087.00	27
28	4812.00	5349.00	13140.00	16330.00	-4510.00	5465.00	28
29	3758.00	2264.00	1954.00	3305.00	-3880.00	5255.00	29
30	3563.00	2225.00	1992.00	3113.00	-3796.00	5171.00	30
31	3993.00	2186.00	2031.00	3382.00	-3796.00	5255.00	31
32	4187.00	2616.00	12140.00	13640.00	-3670.00	5633.00	32
33	4344.00	2616.00	10830.00	12340.00	-3418.00	5717.00	33
34	3719.00	3319.00	14060.00	15410.00	-4469.00	5759.00	34
35	3797.00	2694.00	2030.00	3228.00	-4216.00	5087.00	35
36	4031.00	2460.00	2031.00	3458.00	-4385.00	4834.00	36
37	3992.00	2421.00	2146.00	3420.00	-4258.00	4961.00	37
38	3992.00	2655.00	2107.00	3766.00	-4090.00	5213.00	38
39	4266.00	2694.00	2607.00	4188.00	-4511.00	4456.00	39
40	4344.00	2537.00	2184.00	3843.00	-4636.00	4246.00	40
41	4266.00	2694.00	3222.00	4649.00	-4594.00	4204.00	41
42	4149.00	2889.00	2107.00	3843.00	-4637.00	3909.00	42
43	4305.00	2811.00	3952.00	5303.00	-4679.00	4288.00	43
44	4461.00	4451.00	11330.00	18140.00	-4763.00	4204.00	44
45	4305.00	4216.00	1723.00	4842.00	-4468.00	3910.00	45
46	3250.00	10740.00	1646.00	6763.00	-5057.00	12820.00	46
47	4266.00	4021.00	11560.00	14060.00	-4637.00	3994.00	47
48	3524.00	11240.00	12980.00	15950.00	-5142.00	12570.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TEGW 20800 TCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
49	4188.00	4334.00	1915.00	4804.00	-4721.00	4330.00	49
50	3680.00	10930.00	8140.00	11570.00	-5142.00	11390.00	50

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-4970.00	2955.00	2375.00	6652.00	40840.00	9716.00	2
3	-4498.00	2924.00	2471.00	5592.00	40840.00	9417.00	3
4	-4844.00	4716.00	2954.00	7231.00	40240.00	9716.00	4
5	-5190.00	4307.00	2086.00	6942.00	41140.00	9417.00	5
6	-4938.00	4936.00	5074.00	12050.00	46070.00	13750.00	6
7	-5158.00	5030.00	5364.00	10990.00	45020.00	11810.00	7
8	-4561.00	5439.00	4688.00	10700.00	45020.00	12110.00	8
9	-4153.00	5847.00	4592.00	10610.00	44870.00	11960.00	9
10	-5976.00	3584.00	6713.00	12730.00	45320.00	13900.00	10
11	-5976.00	3207.00	6135.00	11180.00	45620.00	12710.00	11
12	-5693.00	3426.00	5460.00	10890.00	44870.00	12260.00	12
13	-5976.00	3018.00	5474.00	11090.00	44570.00	11960.00	13
14	-4259.00	2672.00	5845.00	15910.00	45770.00	18530.00	14
15	-8616.00	8551.00	2857.00	20630.00	42630.00	23470.00	15
16	-4479.00	2829.00	5556.00	16200.00	45620.00	18680.00	16
17	-8145.00	9965.00	4688.00	25160.00	46220.00	30040.00	17
18	-5913.00	2892.00	5267.00	15910.00	46070.00	18530.00	18
19	-8271.00	9965.00	2664.00	21210.00	45170.00	24210.00	19
20	-4258.00	3427.00	5942.00	17550.00	45470.00	21220.00	20
21	-7390.00	8834.00	1604.00	24780.00	42780.00	29000.00	21
22	-4290.00	3898.00	4417.00	18410.00	45020.00	22260.00	22
23	-6007.00	3804.00	6520.00	18320.00	46070.00	22720.00	23
24	-7642.00	8519.00	3628.00	24490.00	43070.00	28990.00	24
25	-4970.00	3772.00	6328.00	20050.00	45320.00	25260.00	25
26	-4259.00	10340.00	3724.00	30370.00	43530.00	35720.00	26
27	-5630.00	3741.00	6135.00	18900.00	45620.00	23170.00	27
28	-4604.00	4087.00	5846.00	19760.00	46060.00	24210.00	28
29	-4404.00	4527.00	3918.00	9159.00	46220.00	10310.00	29
30	-4216.00	4401.00	4014.00	9063.00	46070.00	10460.00	30
31	-4153.00	4779.00	3725.00	8388.00	46520.00	9417.00	31
32	-3995.00	5502.00	3725.00	8388.00	46220.00	10010.00	32
33	-4027.00	5344.00	4206.00	8291.00	46370.00	9566.00	33
34	-4310.00	3992.00	3628.00	9255.00	45470.00	10460.00	34
35	-4341.00	3710.00	4110.00	9544.00	45920.00	10010.00	35
36	-4561.00	3427.00	4881.00	9930.00	46970.00	11060.00	36
37	-4404.00	3647.00	5171.00	10030.00	47260.00	11060.00	37
38	-4404.00	3772.00	4978.00	10220.00	46970.00	11360.00	38
39	-5567.00	3615.00	5845.00	10890.00	46970.00	12260.00	39
40	-5567.00	3364.00	5653.00	10320.00	46670.00	11660.00	40
41	-5630.00	3238.00	5074.00	10510.00	46520.00	11510.00	41
42	-5756.00	3238.00	4014.00	10030.00	44720.00	10610.00	42
43	-5536.00	3521.00	6135.00	11180.00	47260.00	11960.00	43
44	-4699.00	3615.00	4328.00	14850.00	48010.00	16890.00	44
45	-6070.00	3112.00	5846.00	14360.00	47560.00	16140.00	45
46	-7202.00	10340.00	4110.00	22660.00	45170.00	26610.00	46
47	-5976.00	2892.00	5749.00	14080.00	47560.00	15840.00	47
48	-4888.00	9966.00	3917.00	24010.00	46360.00	28390.00	48

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133

TGWH 20800 TBCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
49	-5378.00	3427.00	5267.00	14940.00	47410.00	17190.00	49
50	-7076.00	9085.00	5074.00	23810.00	47110.00	28540.00	50

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TCGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	36500.00	9682.00	1445.00	1204.00	-116.80	800.00	2
3	38170.00	10350.00	1536.00	1174.00	-74.69	715.80	3
4	37000.00	10180.00	1355.00	1114.00	-116.80	757.80	4
5	33830.00	10020.00	1445.00	1445.00	93.72	1010.00	5
6	40010.00	11850.00	1024.00	1385.00	-11.53	1242.00	6
7	39010.00	10520.00	1235.00	1174.00	-116.80	1053.00	7
8	39170.00	11020.00	1385.00	1205.00	409.50	1579.00	8
9	38340.00	11180.00	1355.00	1114.00	199.00	1200.00	9
10	38170.00	10680.00	1054.00	2138.00	-95.75	2084.00	10
11	37000.00	9849.00	1084.00	1987.00	409.50	2210.00	11
12	36840.00	10020.00	1144.00	1867.00	177.90	1853.00	12
13	36670.00	9515.00	1144.00	1987.00	-74.66	1937.00	13
14	36840.00	16030.00	1385.00	3071.00	577.90	3095.00	14
15	33660.00	18530.00	361.10	3794.00	-1401.00	3348.00	15
16	37170.00	16360.00	1415.00	3161.00	-74.69	2905.00	16
17	37170.00	27710.00	29.50	6414.00	-1612.00	5242.00	17
18	37670.00	15520.00	1475.00	3041.00	-369.40	2526.00	18
19	37340.00	19860.00	210.60	4185.00	-1654.00	3389.00	19
20	38170.00	19700.00	1626.00	3372.00	-495.70	2652.00	20
21	34500.00	25040.00	692.00	3884.00	-1528.00	3726.00	21
22	36340.00	21200.00	1486.00	3432.00	-537.80	2695.00	22
23	36500.00	21030.00	1596.00	3402.00	-516.80	2674.00	23
24	32660.00	25210.00	572.00	4065.00	-1527.00	3811.00	24
25	35670.00	22870.00	1656.00	3523.00	-516.80	2758.00	25
26	35670.00	33890.00	-241.50	5240.00	-2390.00	5095.00	26
27	36340.00	21870.00	1626.00	3432.00	-453.60	2695.00	27
28	36340.00	23200.00	1626.00	3372.00	-222.10	2800.00	28
29	39670.00	9515.00	1746.00	1024.00	283.20	1242.00	29
30	40010.00	9515.00	1807.00	1144.00	746.30	1747.00	30
31	39510.00	9348.00	1746.00	1084.00	51.63	968.40	31
32	39670.00	9515.00	1807.00	1084.00	51.63	968.40	32
33	38840.00	9348.00	1777.00	1054.00	114.80	863.10	33
34	39340.00	9515.00	1355.00	1295.00	-179.90	1284.00	34
35	38670.00	9181.00	1355.00	1235.00	156.90	1453.00	35
36	39510.00	9348.00	1445.00	1385.00	199.00	1663.00	36
37	39670.00	8848.00	1415.00	1355.00	177.90	1684.00	37
38	38840.00	8680.00	1385.00	1506.00	-137.80	1410.00	38
39	37840.00	9014.00	1325.00	1867.00	-222.00	1663.00	39
40	38170.00	9014.00	1475.00	1716.00	935.80	2358.00	40
41	38840.00	9014.00	1475.00	1716.00	114.80	1958.00	41
42	37840.00	8681.00	1475.00	1656.00	30.56	1789.00	42
43	38000.00	8847.00	1445.00	1867.00	241.10	2210.00	43
44	38670.00	14860.00	1867.00	2830.00	177.90	2695.00	44
45	38340.00	14190.00	1927.00	2770.00	-369.40	2316.00	45
46	37170.00	22370.00	-0.50	5240.00	-2075.00	4147.00	46
47	38840.00	13350.00	1836.00	2680.00	-390.50	2295.00	47
48	39010.00	25210.00	29.50	5933.00	-2327.00	5032.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TORGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
49	39010.00	14520.00	1957.00	2800.00	-390.40	2337.00	49
50	39170.00	24370.00	59.50	5180.00	-2264.00	4421.00	50

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TCGW 20800 TCGR 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	188.20	404.00	815.70	283.70	860.40	264.30	2
3	147.80	417.50	777.30	245.30	837.10	240.90	3
4	174.30	525.30	785.00	253.00	868.20	272.00	4
5	322.90	700.30	800.30	314.30	883.70	287.60	5
6	120.90	848.50	800.30	329.70	992.50	411.90	6
7	26.63	700.30	869.30	306.70	1008.00	411.90	7
8	147.80	821.50	846.30	314.30	1008.00	427.50	8
9	93.97	740.70	869.30	306.70	984.70	404.20	9
10	53.56	1104.00	838.70	153.30	1000.00	279.80	10
11	53.56	1104.00	831.00	145.70	1000.00	264.30	11
12	80.50	1077.00	861.70	161.00	984.70	264.30	12
13	53.56	1104.00	854.00	168.70	1000.00	248.70	13
14	26.63	1428.00	777.30	214.70	969.20	279.80	14
15	-458.20	1966.00	800.30	529.00	1062.00	637.30	15
16	40.09	1468.00	785.00	222.40	961.40	287.60	16
17	-619.80	2505.00	762.00	659.40	1031.00	761.70	17
18	80.50	1455.00	792.70	214.70	984.70	279.80	18
19	-781.40	2101.00	831.00	682.40	1078.00	715.00	19
20	40.09	1495.00	762.00	260.70	938.10	326.40	20
21	-1185.00	2290.00	792.70	567.40	1078.00	683.90	21
22	93.97	1522.00	754.30	268.30	961.40	349.80	22
23	-13.78	1495.00	746.70	276.00	953.60	342.00	23
24	-1064.00	2222.00	777.30	552.00	1094.00	668.40	24
25	26.63	1562.00	800.30	314.30	938.10	357.50	25
26	-1091.00	2707.00	677.70	820.40	1062.00	823.90	26
27	-0.31	1535.00	746.70	276.00	961.40	349.80	27
28	-40.72	1522.00	762.00	276.00	984.70	373.10	28
29	120.90	740.70	861.70	191.70	922.60	326.40	29
30	93.97	767.70	861.70	191.70	922.60	326.40	30
31	80.50	727.30	854.00	199.40	922.50	342.00	31
32	107.40	781.10	846.30	207.00	922.50	357.50	32
33	120.90	713.80	846.30	222.30	922.50	357.50	33
34	93.97	956.20	915.30	199.30	969.20	357.50	34
35	93.97	875.40	900.00	168.70	938.10	310.90	35
36	80.50	861.90	869.30	168.70	930.30	303.10	36
37	67.03	821.50	869.30	184.00	922.50	310.90	37
38	40.09	875.40	854.00	199.40	922.60	326.40	38
39	53.56	996.60	877.00	145.70	953.60	279.80	39
40	53.56	969.70	861.70	145.70	945.80	272.00	40
41	26.63	996.60	861.70	145.70	938.10	264.30	41
42	107.40	969.70	846.30	176.30	953.60	248.70	42
43	26.63	1024.00	884.70	153.30	961.40	272.00	43
44	40.09	1387.00	854.00	199.40	953.60	279.80	44
45	67.03	1360.00	831.00	191.70	922.60	264.30	45
46	-1118.00	2492.00	792.70	705.40	984.70	839.40	46
47	120.90	1360.00	831.00	191.70	945.80	272.00	47
48	-1159.00	2720.00	708.30	743.70	1008.00	800.50	48

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133

TGWH 20800 TCCR 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
49	120.90	1387.00	861.70	207.00	945.90	287.60	49
50	-916.10	2424.00	808.00	720.80	1000.00	730.60	50

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FLIGHT LOADS

CH-4A FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49860SDY	69860ALT	EVENT
2	3241.00	3889.00	2
3	1852.00	3611.00	3
4	3518.00	5555.00	4
5	1019.00	5833.00	5
6	9212.00	8471.00	6
7	9629.00	6944.00	7
8	8518.00	6944.00	8
9	6990.00	6805.00	9
10	9629.00	8610.00	10
11	8796.00	7777.00	11
12	10460.00	7499.00	12
13	7129.00	7499.00	13
14	-1759.00	9999.00	14
15	-3425.00	12500.00	15
16	-3009.00	10420.00	16
17	-7314.00	13890.00	17
18	-5370.00	9999.00	18
19	-4120.00	14580.00	19
20	-7869.00	11390.00	20
21	-8425.00	14440.00	21
22	-7592.00	12500.00	22
23	-8703.00	11390.00	23
24	-12310.00	14440.00	24
25	-11200.00	11670.00	25
26	-14260.00	15550.00	26
27	-9119.00	12080.00	27
28	-7592.00	12500.00	28
29	8518.00	6388.00	29
30	8934.00	6249.00	30
31	8657.00	6527.00	31
32	7684.00	6388.00	32
33	7268.00	6527.00	33
34	9767.00	6527.00	34
35	10180.00	6388.00	35
36	11710.00	6805.00	36
37	11990.00	7083.00	37
38	12820.00	7360.00	38
39	12540.00	7916.00	39
40	11430.00	7083.00	40
41	10180.00	6944.00	41
42	7268.00	6805.00	42
43	10740.00	7777.00	43
44	2546.00	9860.00	44
45	2130.00	9721.00	45
46	-1481.00	11940.00	46
47	-92.50	9166.00	47
48	-4953.00	13470.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 133

TOW 20800 TOW 9.7 AFT FLIGHT DATE 08/25/77

EVENT 49860SDY 69860ALT EVENT

49	463.00	9443.00	49
50	2148.00	12780.00	50

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 134
TCGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.18	4.41	8.59	-0.23	13.36	.60	2
3	4.29	5.08	9.37	-0.87	13.24	.64	3
4	4.36	6.14	10.50	-1.85	12.99	.73	4
5	4.18	4.34	8.52	-0.16	12.55	.60	5
6	4.29	5.15	9.51	-0.87	12.71	.69	6
7	4.32	5.96	10.29	-1.64	12.31	.77	7
8	4.36	7.20	11.63	-2.84	12.63	.85	8
9	4.32	4.84	9.16	-0.58	12.87	.69	9
10	4.43	5.93	10.36	-1.57	12.75	.81	10
11	4.39	6.88	11.34	-2.49	12.39	.85	11
12	4.46	7.80	12.26	-3.34	12.23	.93	12
13	4.04	6.81	10.85	-2.77	13.32	.97	13
14	4.04	6.60	10.64	-2.56	13.32	.89	14
15	4.18	6.39	10.57	-2.21	13.76	.93	15
16	4.39	5.47	9.86	-1.15	14.53	.73	16
17	4.29	5.65	9.93	-1.36	13.68	.69	17
18	4.36	6.99	11.34	-2.63	13.60	.85	18
19	4.25	5.33	9.58	-1.08	13.24	.73	19
20	4.36	6.28	10.64	-2.07	13.24	.81	20
21	4.50	7.90	12.40	-3.41	13.20	1.01	21
22	4.57	8.89	13.46	-4.32	13.24	1.13	22
23	4.50	6.64	11.13	-2.14	13.80	.97	23
24	4.46	7.87	12.33	-3.41	13.64	1.13	24
25	4.34	6.85	11.20	-2.56	13.60	1.01	25
26	4.78	8.61	13.39	-3.83	14.45	1.45	26
27	4.34	6.14	10.50	-1.85	13.92	.93	27
28	4.64	7.55	12.19	-2.98	14.53	1.21	28
29	4.04	5.54	9.72	-1.50	14.20	.89	29
30	4.82	6.88	11.70	-2.35	14.36	1.29	30
31	4.57	8.75	13.32	-4.18	15.29	1.33	31
32	5.06	9.39	14.45	-4.32	15.65	1.53	32
33	4.22	7.27	11.49	-3.05	15.33	1.13	33
34	4.96	9.00	13.96	-4.11	15.69	1.49	34
35	4.11	6.53	10.64	-2.42	15.57	1.05	35
36	4.89	8.22	13.11	-3.34	16.10	1.33	36
37	4.11	7.23	11.42	-3.13	13.68	1.01	37
38	4.15	6.99	11.13	-2.98	13.56	.97	38

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 134
TCGN 20800 TCGG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	13.03	1.02	-696.50	2222.00	12930.00	9369.00	2
3	13.18	1.23	-548.50	1778.00	13100.00	7836.00	3
4	13.21	2.04	-548.50	2074.00	12760.00	7836.00	4
5	12.64	1.88	-400.50	2222.00	12760.00	8858.00	5
6	12.64	1.25	-548.50	1778.00	12420.00	6814.00	6
7	12.54	1.44	-548.50	1778.00	13270.00	8006.00	7
8	13.11	1.78	192.50	1926.00	14810.00	7836.00	8
9	13.46	2.90	-252.00	1481.00	14980.00	8006.00	9
10	13.47	1.99	-252.00	1481.00	14120.00	7155.00	10
11	13.00	1.41	-400.50	1926.00	12250.00	8006.00	11
12	13.00	1.36	-548.50	2074.00	12250.00	8347.00	12
13	14.62	3.03	-696.50	4000.00	13780.00	18060.00	13
14	14.70	3.53	-1141.00	4740.00	14290.00	21290.00	14
15	14.94	4.15	-992.50	4888.00	14460.00	21120.00	15
16	14.65	1.39	-1289.00	2222.00	11910.00	9369.00	16
17	13.97	1.75	-2030.00	2963.00	9865.00	11410.00	17
18	13.73	2.56	-1881.00	2518.00	11060.00	10220.00	18
19	14.07	1.96	-1437.00	2666.00	12250.00	10050.00	19
20	13.94	1.31	-548.50	2074.00	13610.00	10050.00	20
21	13.63	2.25	-1289.00	3999.00	13440.00	17030.00	21
22	13.76	3.00	-1141.00	3555.00	13270.00	14820.00	22
23	14.49	3.21	-1437.00	5332.00	10380.00	21120.00	23
24	13.97	2.74	-1289.00	4888.00	10720.00	20440.00	24
25	13.91	2.59	-252.00	2370.00	15150.00	8177.00	25
26	14.31	2.87	-992.50	5481.00	18040.00	25380.00	26
27	14.12	3.21	-104.00	1629.00	14810.00	7495.00	27
28	14.54	3.27	-1141.00	5629.00	15830.00	25890.00	28
29	14.18	4.10	-252.00	1777.00	13610.00	7325.00	29
30	14.70	4.36	-1289.00	5777.00	17190.00	27600.00	30
31	15.59	2.90	-252.00	4740.00	17870.00	21800.00	31
32	15.35	3.08	-5732.00	10220.00	14980.00	27770.00	32
33	15.53	3.16	-400.50	1926.00	13610.00	7666.00	33
34	15.82	3.60	-400.00	6369.00	15320.00	30150.00	34
35	15.80	4.10	192.50	2222.00	12930.00	8347.00	35
36	15.93	4.49	-104.00	6073.00	15660.00	28790.00	36
37	13.89	1.99	-104.00	1629.00	13440.00	6473.00	37
38	14.05	2.25	-252.00	1777.00	13270.00	6984.00	38

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 134
TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	4111.00	3007.00	1877.00	3229.00	-4131.00	6432.00	2
3	4111.00	2495.00	1800.00	3229.00	-4510.00	5801.00	3
4	4072.00	2500.00	1877.00	3075.00	-4468.00	5759.00	4
5	3799.00	2851.00	1723.00	3767.00	-4384.00	6011.00	5
6	3838.00	2499.00	2338.00	3229.00	-4552.00	5254.00	6
7	3838.00	2968.00	2223.00	3344.00	-4383.00	5507.00	7
8	4150.00	2500.00	2492.00	3459.00	-4552.00	5423.00	8
9	4463.00	2890.00	2261.00	3767.00	-4510.00	4876.00	9
10	4619.00	2968.00	2454.00	3805.00	-4594.00	4960.00	10
11	4619.00	3203.00	2446.00	4074.00	-4510.00	5801.00	11
12	4150.00	3203.00	2684.00	4036.00	-4594.00	6053.00	12
13	4189.00	7070.00	1531.00	4420.00	-4889.00	9038.00	13
14	3759.00	7968.00	992.80	4881.00	-4678.00	9920.00	14
15	3760.00	8125.00	1147.00	4804.00	-4847.00	9837.00	15
16	4267.00	3086.00	2415.00	2767.00	-4762.00	6137.00	16
17	3760.00	4062.00	2031.00	3382.00	-4888.00	7104.00	17
18	3838.00	3202.00	1954.00	3152.00	-4594.00	6726.00	18
19	3525.00	3047.00	1954.00	3459.00	-4131.00	6180.00	19
20	4072.00	2890.00	2185.00	3305.00	-4132.00	6096.00	20
21	3525.00	5312.00	2300.00	3651.00	-3375.00	9710.00	21
22	3838.00	5390.00	2415.00	3690.00	-3249.00	9332.00	22
23	3408.00	7539.00	2338.00	4228.00	-4090.00	10760.00	23
24	3916.00	7968.00	2069.00	4497.00	-3922.00	11180.00	24
25	4971.00	4335.00	1723.00	4997.00	-5308.00	4414.00	25
26	3916.00	10620.00	1223.00	5958.00	-4931.00	12530.00	26
27	4775.00	4296.00	2069.00	4805.00	-4804.00	4330.00	27
28	3447.00	10780.00	1185.00	5766.00	-5561.00	12320.00	28
29	4580.00	4101.00	2300.00	4574.00	-4720.00	4246.00	29
30	3916.00	10550.00	839.00	6265.00	-5561.00	12060.00	30
31	3877.00	9648.00	1646.00	5612.00	-5393.00	3795.00	31
32	3838.00	11330.00	1339.00	6074.00	-4720.00	11810.00	32
33	4697.00	4687.00	2223.00	4804.00	-4384.00	5002.00	33
34	3720.00	11760.00	1454.00	6112.00	-4468.00	12320.00	34
35	4502.00	4882.00	2223.00	4804.00	-4594.00	5212.00	35
36	3408.00	11370.00	1685.00	5881.00	-4552.00	11730.00	36
37	4658.00	3945.00	1992.00	4574.00	-4762.00	3951.00	37
38	4541.00	4218.00	1877.00	4766.00	-4552.00	4162.00	38

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 134
TCGW 20200 TBCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-4654.00	5533.00	3533.00	8964.00	46070.00	9568.00	2
3	-4811.00	4810.00	4304.00	9350.00	46520.00	10020.00	3
4	-4843.00	4967.00	4689.00	9542.00	46520.00	10610.00	4
5	-4340.00	4464.00	3533.00	9735.00	45620.00	10910.00	5
6	-4874.00	3678.00	4111.00	9928.00	46810.00	10610.00	6
7	-4497.00	3993.00	5267.00	10120.00	48160.00	11060.00	7
8	-4969.00	3835.00	4593.00	11180.00	46810.00	12110.00	8
9	-5723.00	3898.00	4400.00	10800.00	46670.00	11660.00	9
10	-5880.00	4118.00	5460.00	11660.00	46810.00	12710.00	10
11	-5534.00	4590.00	5942.00	12920.00	47260.00	14350.00	11
12	-5597.00	4716.00	5075.00	13200.00	46960.00	14950.00	12
13	-4886.00	7891.00	2376.00	15520.00	43080.00	15550.00	13
14	-6823.00	8708.00	1990.00	17060.00	42480.00	16740.00	14
15	-4572.00	8456.00	2279.00	17350.00	43530.00	18090.00	15
16	-5220.00	5219.00	4111.00	12050.00	48460.00	11960.00	16
17	-5126.00	6382.00	4689.00	11280.00	49510.00	11810.00	17
18	-5283.00	5721.00	5171.00	10600.00	50250.00	11360.00	18
19	-4120.00	5124.00	4014.00	10800.00	48160.00	11360.00	19
20	-4277.00	5344.00	3726.00	10700.00	48310.00	11210.00	20
21	-3365.00	7388.00	4304.00	14550.00	49360.00	14650.00	21
22	-3397.00	7042.00	5075.00	13780.00	48610.00	14500.00	22
23	-4088.00	7545.00	3051.00	17730.00	49200.00	17790.00	23
24	-4183.00	7639.00	4207.00	19080.00	50550.00	19430.00	24
25	-4980.00	3773.00	5075.00	14360.00	47710.00	16000.00	25
26	-7200.00	9840.00	3243.00	21980.00	45460.00	26600.00	26
27	-4698.00	3175.00	5749.00	14650.00	47710.00	16590.00	27
28	-7672.00	9934.00	2569.00	21690.00	44420.00	25260.00	28
29	-5252.00	3175.00	4978.00	14650.00	47710.00	16590.00	29
30	-7263.00	9085.00	2279.00	21400.00	43820.00	24370.00	30
31	-4792.00	7796.00	4786.00	24480.00	46810.00	28850.00	31
32	-6289.00	9116.00	7099.00	28340.00	48160.00	35280.00	32
33	-4414.00	3710.00	5460.00	16480.00	46370.00	19140.00	33
34	-5346.00	9619.00	5749.00	28530.00	49650.00	34980.00	34
35	-5409.00	3835.00	5460.00	18020.00	46510.00	21380.00	35
36	-6634.00	9211.00	5364.00	28140.00	47260.00	34380.00	36
37	-4541.00	2893.00	5268.00	13780.00	47710.00	15100.00	37
38	-6195.00	3175.00	5171.00	14460.00	48010.00	16290.00	38

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 134
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	39180.00	9015.00	1355.00	933.30	-139.10	947.40	2
3	39510.00	8681.00	1416.00	993.50	-160.20	926.30	3
4	38850.00	9015.00	1446.00	1084.00	-118.10	968.40	4
5	38340.00	9182.00	1265.00	1265.00	-223.30	1242.00	5
6	39180.00	8681.00	1325.00	1325.00	-202.30	1263.00	6
7	39680.00	8848.00	1235.00	1415.00	-265.40	1242.00	7
8	38680.00	9849.00	1265.00	1566.00	-433.80	1326.00	8
9	38510.00	8681.00	1416.00	1656.00	-328.60	1558.00	9
10	38510.00	9349.00	1385.00	1746.00	-433.80	1579.00	10
11	37840.00	11020.00	1325.00	1806.00	-412.80	1642.00	11
12	37840.00	11350.00	1295.00	1837.00	-497.00	1642.00	12
13	35340.00	11190.00	482.20	3432.00	-1171.00	2653.00	13
14	35510.00	11690.00	301.20	3974.00	-1532.00	3074.00	14
15	35170.00	12690.00	240.90	4094.00	-1424.00	3200.00	15
16	41180.00	8347.00	1446.00	1746.00	-518.10	1537.00	16
17	41520.00	9349.00	1175.00	1716.00	-602.30	1453.00	17
18	41850.00	8013.00	1476.00	1837.00	-644.40	1495.00	18
19	41020.00	8514.00	1506.00	1566.00	-454.90	1516.00	19
20	40180.00	7680.00	1566.00	1867.00	-476.00	1705.00	20
21	41680.00	11190.00	933.40	3402.00	-1571.00	2884.00	21
22	40350.00	12520.00	843.40	3553.00	-1423.00	3032.00	22
23	41350.00	14520.00	542.00	5359.00	-1781.00	4485.00	23
24	43520.00	15360.00	692.50	5149.00	-1592.00	4758.00	24
25	38510.00	13360.00	1987.00	2710.00	-560.20	2337.00	25
26	36840.00	21700.00	120.50	5540.00	-2097.00	4295.00	26
27	38680.00	13860.00	1987.00	2710.00	-518.10	2337.00	27
28	35670.00	20530.00	30.50	5209.00	-2202.00	4232.00	28
29	38180.00	13690.00	1957.00	2800.00	-454.90	2358.00	29
30	35670.00	19530.00	120.00	5058.00	-2181.00	4127.00	30
31	38010.00	25880.00	1084.00	4034.00	-1532.00	3706.00	31
32	40850.00	32390.00	843.00	5841.00	-1824.00	5242.00	32
33	36510.00	17030.00	1957.00	3041.00	-581.20	2484.00	33
34	41850.00	33720.00	722.50	5841.00	-1697.00	5243.00	34
35	36680.00	18360.00	1987.00	3131.00	-518.10	2505.00	35
36	39670.00	31540.00	602.00	5600.00	-2013.00	5095.00	36
37	39010.00	12520.00	1867.00	2649.00	-497.00	2274.00	37
38	39180.00	13690.00	1988.00	2649.00	-454.90	2274.00	38

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 134
TGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	66.16	955.90	899.80	230.00	945.40	396.50	2
3	52.72	888.60	907.40	207.00	945.40	365.30	3
4	-28.06	942.40	907.40	207.00	945.40	365.30	4
5	147.00	1064.00	915.10	214.70	953.20	373.10	5
6	133.50	996.30	922.70	176.30	945.40	334.30	6
7	93.09	982.80	938.10	191.70	937.60	342.10	7
8	79.66	996.30	892.10	191.70	953.20	342.00	8
9	120.00	1091.00	876.70	191.70	953.20	310.90	9
10	79.66	1050.00	876.70	176.30	945.40	318.70	10
11	52.69	1104.00	915.10	199.30	953.20	357.60	11
12	106.60	1131.00	907.40	207.00	945.40	380.90	12
13	-553.10	1791.00	830.80	437.00	968.70	590.80	13
14	-714.70	1898.00	830.80	529.00	968.70	637.50	14
15	-728.20	1993.00	823.10	521.30	984.30	621.90	15
16	-526.20	1468.00	892.10	207.00	937.60	388.70	16
17	-485.80	1427.00	984.10	283.70	953.20	450.90	17
18	-445.40	1494.00	953.40	253.00	945.40	427.50	18
19	-351.20	1508.00	945.80	230.00	922.10	388.70	19
20	-553.20	1602.00	899.70	245.30	906.50	373.20	20
21	-876.30	2141.00	892.10	421.70	875.40	606.40	21
22	-1024.00	2208.00	884.40	414.00	867.70	583.00	22
23	-539.70	2720.00	945.70	567.30	929.80	660.80	23
24	-337.80	3083.00	922.70	559.70	898.80	707.40	24
25	39.25	1387.00	800.10	207.00	953.20	295.40	25
26	-1186.00	2504.00	746.40	674.70	976.50	800.70	26
27	52.72	1373.00	815.40	207.00	929.90	287.60	27
28	-1172.00	2329.00	784.80	667.00	1008.00	785.20	28
29	52.72	1373.00	838.40	199.30	922.10	279.80	29
30	-1253.00	2329.00	777.10	720.70	999.80	761.80	30
31	-1092.00	2168.00	754.10	559.70	984.30	653.00	31
32	-1038.00	2706.00	754.10	697.70	968.70	761.80	32
33	-41.53	1414.00	792.40	260.70	891.00	326.50	33
34	-876.30	2679.00	715.80	751.30	922.10	792.90	34
35	-14.59	1441.00	807.80	276.00	914.30	334.30	35
36	-943.60	2666.00	731.10	736.00	945.40	769.60	36
37	52.72	1319.00	830.70	176.30	929.80	256.50	37
38	79.66	1319.00	846.10	191.70	914.30	272.10	38

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 134

TOW 20800 TCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49860SDY	69860ALT	EVENT
2	319.50	6806.00	2
3	1709.00	6528.00	3
4	2542.00	6806.00	4
5	4014.00	6667.00	5
6	5042.00	6806.00	6
7	7125.00	7500.00	7
8	3792.00	8056.00	8
9	3931.00	7361.00	9
10	5042.00	8194.00	10
11	4847.00	9166.00	11
12	7403.00	9167.00	12
13	319.50	9583.00	13
14	42.00	9027.00	14
15	-1625.00	9028.00	15
16	-7736.00	6806.00	16
17	-3014.00	7083.00	17
18	-2319.00	8055.00	18
19	597.50	7361.00	19
20	319.50	7917.00	20
21	-374.50	10000.00	21
22	-97.50	10000.00	22
23	-2458.00	10420.00	23
24	-1764.00	11670.00	24
25	1292.00	9722.00	25
26	-2597.00	12780.00	26
27	-1625.00	9861.00	27
28	-6763.00	11670.00	28
29	-3431.00	9722.00	29
30	-5514.00	13190.00	30
31	-10100.00	12780.00	31
32	-13570.00	14860.00	32
33	-10370.00	10830.00	33
34	-15790.00	14030.00	34
35	-11210.00	10560.00	35
36	-14400.00	13750.00	36
37	-97.00	9444.00	37
38	736.00	9444.00	38

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 134

TGWH 20800 TCG 9.7 AFT FLIGHT DATE 08/25/77

EVENT	49860SDY	69860ALT	EVENT
2	319.50	6806.00	2
3	1709.00	6528.00	3
4	2542.00	6806.00	4
5	4014.00	6667.00	5
6	5042.00	6806.00	6
7	7125.00	7500.00	7
8	3792.00	8056.00	8
9	3931.00	7361.00	9
10	5042.00	8194.00	10
11	4847.00	9166.00	11
12	7403.00	9167.00	12
13	319.50	9583.00	13
14	42.00	9027.00	14
15	-1625.00	9028.00	15
16	-7736.00	6806.00	16
17	-3014.00	7083.00	17
18	-2319.00	8055.00	18
19	597.50	7361.00	19
20	319.50	7917.00	20
21	-374.50	10000.00	21
22	-97.50	10000.00	22
23	-2458.00	10420.00	23
24	-1764.00	11670.00	24
25	1292.00	9722.00	25
26	-2597.00	12780.00	26
27	-1625.00	9861.00	27
28	-6763.00	11670.00	28
29	-3431.00	9722.00	29
30	-5514.00	13190.00	30
31	-10100.00	12780.00	31
32	-13570.00	14860.00	32
33	-10370.00	10830.00	33
34	-15790.00	14030.00	34
35	-11210.00	10560.00	35
36	-14400.00	13750.00	36
37	-97.00	9444.00	37
38	736.00	9444.00	38

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 135
TCGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/26/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.39	6.19	10.58	-1.87	11.89	.73	2
3	4.25	6.67	11.06	-2.49	11.93	.77	3
4	4.53	6.81	11.47	-2.49	12.17	.93	4
5	4.08	6.64	10.72	-2.56	13.99	1.05	5
6	4.01	6.16	10.24	-2.15	14.36	1.10	6
7	4.22	6.98	11.20	-2.77	15.21	1.22	7
8	4.01	6.36	10.37	-2.35	15.37	1.14	8
9	3.60	5.74	10.03	-2.15	14.52	1.10	9
10	4.15	5.74	9.89	-1.60	13.71	.93	10
12	3.87	4.78	8.72	-.91	12.49	.69	12
13	4.01	5.06	9.20	-1.05	12.21	.65	13
14	4.35	5.26	9.62	-.98	11.85	.69	14
15	4.15	6.29	10.44	-2.15	12.01	.69	15
16	4.29	7.19	11.47	-2.90	11.93	.85	16
17	4.18	7.36	11.54	-3.25	12.13	.89	17
18	4.01	7.74	11.75	-3.73	13.67	1.14	18
19	3.98	7.77	11.75	-3.86	15.01	1.18	19
20	3.80	6.71	10.51	-2.90	15.05	1.14	20
21	3.98	6.05	10.03	-2.08	14.16	.97	21
22	4.05	5.50	9.55	-1.53	12.74	.77	22
23	4.18	5.50	9.69	-1.39	11.97	.73	23
25	4.18	5.36	9.62	-1.18	12.58	1.34	25
26	6.31	8.05	14.36	-1.94	14.64	1.54	26
27	5.32	8.15	13.68	-3.04	15.29	2.92	27
28	4.84	7.46	12.30	-2.83	15.82	1.58	28

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 135
TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/26/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	11.64	2.39	1300.00	2590.00	14410.00	11430.00	2
3	11.68	2.00	1148.00	2133.00	15090.00	8361.00	3
4	11.76	1.39	1147.00	1828.00	15440.00	7678.00	4
5	13.52	1.98	690.50	1676.00	14410.00	5631.00	5
6	14.30	2.91	842.50	2133.00	14240.00	6143.00	6
7	14.98	3.00	1300.00	2285.00	14750.00	7678.00	7
8	15.05	3.91	5717.00	7616.00	13390.00	8361.00	8
9	14.35	4.13	6174.00	7159.00	12710.00	8360.00	9
10	13.39	3.42	2366.00	3960.00	13560.00	7166.00	10
12	12.03	2.30	538.00	1828.00	13560.00	6143.00	12
13	11.20	1.61	843.00	2437.00	14410.00	10750.00	13
14	11.29	1.90	1300.00	2894.00	12880.00	12970.00	14
15	12.08	2.20	233.50	1828.00	14240.00	6143.00	15
16	12.32	1.90	81.00	1980.00	14750.00	6655.00	16
17	12.42	1.22	233.00	1523.00	13900.00	5802.00	17
18	14.40	1.73	-71.00	2437.00	15780.00	9043.00	18
19	15.74	3.03	-528.00	3808.00	16290.00	14670.00	19
20	15.52	3.93	-71.00	2437.00	12880.00	7849.00	20
21	14.61	3.52	385.50	1676.00	12880.00	6825.00	21
22	12.91	2.39	81.00	1371.00	13220.00	5119.00	22
23	11.76	1.44	-71.50	2133.00	12710.00	9384.00	23
25	11.78	1.76	233.00	2437.00	17140.00	11430.00	25
26	12.54	3.44	-71.50	8225.00	13730.00	36000.00	26
27	13.59	4.15	4803.00	8530.00	19190.00	32250.00	27
28	14.30	4.27	4498.00	8834.00	18170.00	24400.00	28

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 135
TCGW 20800 TCCR 9.7 AFT FLIGHT DATE 08/26/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	3970.00	3195.00	1555.00	3443.00	-4711.00	5924.00	2
3	4680.00	2643.00	1858.00	4048.00	-4333.00	5714.00	3
4	5035.00	3550.00	1972.00	4994.00	-5089.00	5546.00	4
5	4996.00	4141.00	1782.00	5032.00	-5005.00	3866.00	5
6	4681.00	4299.00	1479.00	5562.00	-5047.00	4580.00	6
7	4681.00	5009.00	9520.00	19320.00	-4627.00	5168.00	7
8	4799.00	5127.00	9520.00	19320.00	-4669.00	5546.00	8
9	4483.00	5128.00	9520.00	19320.00	-5047.00	4748.00	9
10	4878.00	4496.00	12830.00	16000.00	-5215.00	4580.00	10
12	4720.00	3471.00	1896.00	4313.00	-4963.00	3656.00	12
13	3852.00	3471.00	9123.00	11240.00	-4921.00	4874.00	13
14	3694.00	4102.00	4545.00	5902.00	-5047.00	6513.00	14
15	4089.00	2208.00	1972.00	2875.00	-4123.00	4916.00	15
16	4326.00	2524.00	2123.00	3708.00	-4291.00	4832.00	16
17	5114.00	3313.00	2236.00	3973.00	-4501.00	4454.00	17
18	5114.00	4891.00	1328.00	4957.00	-5551.00	5252.00	18
19	4562.00	7494.00	1480.00	5259.00	-5846.00	7899.00	19
20	5312.00	4930.00	1693.00	5146.00	-6014.00	5126.00	20
21	4444.00	4378.00	1934.00	4654.00	-4459.00	4328.00	21
22	4720.00	3471.00	2350.00	3935.00	-4879.00	3572.00	22
23	3970.00	3116.00	1745.00	4011.00	-5047.00	4832.00	23
25	3773.00	3313.00	2880.00	3556.00	-4417.00	5798.00	25
26	5115.00	13100.00	1820.00	6811.00	-7442.00	16720.00	26
27	4681.00	12110.00	306.50	7946.00	-6014.00	14540.00	27
28	4405.00	10970.00	2123.00	7416.00	-6560.00	11300.00	28

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AIRCRAFT SLP1 FLIGHT 135
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/26/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-4801.00	4119.00	3435.00	10620.00	46330.00	12090.00	2
3	-4487.00	4119.00	3242.00	11780.00	45740.00	12680.00	3
4	-4373.00	4685.00	5174.00	13330.00	46180.00	16070.00	4
5	-4687.00	3050.00	3532.00	14000.00	45590.00	15480.00	5
6	-4782.00	2892.00	4304.00	16510.00	46480.00	13020.00	6
7	-6090.00	3584.00	5173.00	19310.00	46770.00	23730.00	7
8	-5870.00	3679.00	5077.00	19990.00	46480.00	24920.00	8
9	-6279.00	3584.00	4497.00	18440.00	45880.00	22550.00	9
10	-6216.00	3081.00	4207.00	15640.00	46330.00	17690.00	10
12	-5839.00	3144.00	3918.00	11300.00	45440.00	12680.00	12
13	-5147.00	3333.00	3628.00	11970.00	46620.00	12970.00	13
14	-5021.00	4968.00	3145.00	11680.00	45890.00	12830.00	14
15	-4424.00	3804.00	3242.00	9463.00	47800.00	10620.00	15
16	-5084.00	3584.00	3435.00	10820.00	47950.00	11350.00	16
17	-4405.00	3647.00	4497.00	12070.00	48690.00	12680.00	17
18	-7882.00	4559.00	3146.00	14190.00	48250.00	15780.00	18
19	-7473.00	6980.00	1890.00	19700.00	46180.00	21970.00	19
20	-7379.00	4182.00	5077.00	17860.00	48830.00	21380.00	20
21	-6530.00	3207.00	4691.00	15740.00	48690.00	17990.00	21
22	-6090.00	3019.00	4884.00	12070.00	49570.00	12970.00	22
23	-5241.00	3616.00	4980.00	11010.00	49420.00	11940.00	23
25	-4550.00	4370.00	3628.00	11200.00	48100.00	12970.00	25
26	-5918.00	14040.00	2953.00	33120.00	52370.00	34640.00	26
27	-8983.00	10940.00	2276.00	28390.00	50460.00	35380.00	27
28	-7945.00	8960.00	3145.00	29260.00	46030.00	35090.00	28

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AIRCRAFT SLP1 FLIGHT 135
TCGW 20800 TCCG 9.7 AFT FLIGHT DATE 08/26/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	38610.00	10840.00	315.90	1382.00	-376.90	1223.00	2
3	38280.00	9857.00	406.10	1713.00	-587.80	1350.00	3
4	35980.00	12160.00	315.90	2164.00	-714.40	1856.00	4
5	36960.00	12810.00	796.80	2945.00	-714.40	2405.00	5
6	36960.00	16430.00	886.70	3275.00	-714.40	2658.00	6
7	36470.00	22180.00	1067.00	3576.00	-714.40	2827.00	7
8	35980.00	23000.00	1127.00	3696.00	-756.60	2869.00	8
9	36470.00	20540.00	1157.00	3486.00	-714.40	2742.00	9
10	37790.00	14950.00	977.00	2885.00	-714.40	2405.00	10
12	37290.00	10510.00	947.00	2013.00	-651.10	1751.00	12
13	38610.00	10510.00	886.90	1653.00	-608.90	1456.00	13
14	39430.00	11010.00	916.90	1442.00	-271.40	1287.00	14
15	40740.00	9364.00	1338.00	1322.00	-355.80	1118.00	15
16	40090.00	8707.00	1308.00	1773.00	-630.00	1519.00	16
17	39260.00	9857.00	1368.00	2073.00	-672.20	1814.00	17
18	40410.00	12980.00	1788.00	2795.00	-608.90	2426.00	18
19	37290.00	18400.00	1428.00	3275.00	-1073.00	2637.00	19
20	38610.00	19390.00	1969.00	3215.00	-630.00	2574.00	20
21	39760.00	15280.00	1908.00	2915.00	-672.20	2447.00	21
22	40740.00	9693.00	1518.00	2103.00	-714.40	1899.00	22
23	41070.00	9365.00	1488.00	1773.00	-651.20	1540.00	23
25	41560.00	10840.00	1308.00	1352.00	-630.00	1013.00	25
26	42710.00	32030.00	4666.00	7092.00	-2571.00	5696.00	26
27	43370.00	40250.00	4676.50	7543.00	-2423.00	6055.00	27
28	36140.00	31700.00	1578.00	4808.00	-1516.00	4219.00	28

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 135
TCGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/26/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	166.10	861.10	868.30	283.00	1005.00	365.80	2
3	98.88	928.40	868.30	191.20	981.30	358.00	3
4	18.16	1090.00	860.60	168.30	1012.00	342.40	4
5	98.88	1359.00	784.20	198.80	981.30	249.00	5
6	45.04	1494.00	875.90	244.70	989.10	272.40	6
7	31.59	1561.00	776.50	267.70	965.80	311.30	7
8	-76.03	1722.00	845.30	321.20	973.60	319.10	8
9	-156.80	1776.00	837.70	313.60	1020.00	303.50	9
10	98.88	1359.00	868.30	237.10	1005.00	287.90	10
12	85.41	1023.00	868.30	175.90	1005.00	225.70	12
13	31.59	888.00	860.60	229.40	1005.00	303.50	13
14	193.00	834.20	875.90	321.20	1020.00	412.40	14
15	58.50	834.20	898.90	160.60	950.20	311.30	15
16	85.41	995.70	898.90	160.60	958.00	303.50	16
17	31.59	1130.00	898.90	145.30	965.80	280.20	17
18	71.97	1386.00	822.40	237.10	1044.00	326.80	18
19	-600.80	1843.00	845.30	367.10	1044.00	513.60	19
20	166.10	1388.00	845.30	275.30	926.90	319.10	20
21	45.04	1413.00	860.60	214.10	950.20	280.20	21
22	18.16	1090.00	883.60	160.60	973.60	241.30	22
23	125.80	955.30	921.80	214.10	981.30	311.30	23
25	-62.63	820.80	853.00	283.00	942.40	365.80	25
26	-896.80	3969.00	753.60	948.30	1160.00	1066.00	26
27	-1031.00	3243.00	684.80	833.60	1075.00	949.40	27
28	-1085.00	2355.00	700.00	604.20	1083.00	723.70	28

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 135
TGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/26/77

EVENT	A9860SDY	69860ALT	EVENT
2	11470.00	7916.00	2
3	11470.00	7916.00	3
4	10220.00	9721.00	4
5	-472.00	10420.00	5
6	-2556.00	11110.00	6
7	-8110.00	12780.00	7
8	-8666.00	11940.00	8
9	-3528.00	11800.00	9
10	1750.00	9860.00	10
12	9388.00	8055.00	12
13	10360.00	7916.00	13
14	11610.00	7499.00	14
15	9526.00	6527.00	15
16	9943.00	8055.00	16
17	7860.00	8471.00	17
18	-333.00	10550.00	18
19	-9777.00	11390.00	19
20	-9222.00	11110.00	20
21	-2833.00	9721.00	21
22	4888.00	7777.00	22
23	10080.00	7916.00	23
25	11330.00	7222.00	25
26	-6166.00	16110.00	26
27	-6861.00	17360.00	27
28	-10470.00	14580.00	28

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 136
TCGW 20800 TCGR 9.7 AFT FLIGHT DATE 08/29/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
1	4.14	6.42	10.56	-2.27	11.52	.78	1
2	4.04	6.52	10.56	-2.48	12.01	.86	2
3	3.87	6.35	10.22	-2.48	12.34	.86	3
4	3.87	6.83	10.70	-3.03	13.12	.98	4
5	4.11	7.14	11.25	-3.03	14.06	1.10	5
6	5.18	9.66	14.84	-4.93	14.59	1.80	6
7	3.76	8.11	12.01	-4.34	14.63	1.35	7
8	4.90	9.38	14.42	-4.76	15.41	1.88	8
9	4.04	7.14	11.18	-3.17	14.18	1.15	9
10	4.01	6.97	10.97	-2.96	14.47	1.19	10
11	3.73	3.31	7.04	.35	12.38	.49	11
12	3.94	4.35	8.28	-.62	11.81	.49	12
13	4.04	5.14	9.18	-1.17	12.06	.65	13
14	3.87	5.18	9.11	-1.38	11.73	.57	14
15	3.80	5.80	9.59	-2.07	11.36	.69	15
16	3.87	5.59	9.46	-1.79	12.14	.74	16
17	3.76	4.73	8.49	-.96	12.22	.65	17
18	3.56	4.18	7.73	-.62	12.63	.65	18
19	3.73	5.93	9.73	-2.27	13.28	.98	19
20	3.21	5.28	9.25	-2.07	13.85	.90	20
21	3.90	6.18	10.08	-2.34	13.89	1.43	21
22	3.31	4.69	8.01	-1.38	13.94	.82	22
23	3.90	6.38	10.28	-2.48	13.98	1.27	23
24	3.73	6.07	9.87	-2.34	15.08	1.14	24
25	4.63	8.14	12.91	-3.65	16.10	1.43	25
26	3.69	6.18	9.87	-2.69	14.96	1.10	26
27	4.69	8.76	13.46	-4.27	15.04	1.51	27
28	3.90	7.28	11.32	-3.38	14.55	1.27	28
29	3.76	5.90	9.66	-2.27	12.83	.86	29

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 136
TCGW 20800 TCCG 9.7 AFT FLIGHT DATE 08/29/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
1	11.44	2.12	1389.00	2124.00	14440.00	8715.00	1
2	11.68	1.55	1492.00	1820.00	13760.00	6665.00	2
3	12.00	1.39	3057.00	3792.00	12390.00	5639.00	3
4	13.21	2.01	1086.00	2124.00	11880.00	6152.00	4
5	14.42	2.52	934.00	1972.00	12560.00	6836.00	5
6	13.91	3.46	4423.00	9101.00	19570.00	26140.00	6
7	15.06	2.79	6243.00	7281.00	13590.00	9911.00	7
8	14.55	3.24	4726.00	8798.00	18720.00	30420.00	8
9	14.47	2.52	4271.00	5006.00	13930.00	6836.00	9
10	14.74	3.54	5484.00	8039.00	14100.00	10770.00	10
11	11.12	1.26	782.00	1517.00	12220.00	6152.00	11
12	10.80	1.80	1541.00	2579.00	11370.00	12130.00	12
13	11.60	2.06	1389.00	2427.00	13420.00	10080.00	13
14	11.39	2.17	933.50	1669.00	12910.00	7177.00	14
15	10.88	1.50	2906.00	3337.00	13080.00	7006.00	15
16	11.41	1.61	4271.00	4702.00	11710.00	6664.00	16
17	11.68	1.93	1389.00	2124.00	13080.00	6664.00	17
18	12.14	2.71	2906.00	3944.00	12220.00	7177.00	18
19	13.53	3.19	479.00	2427.00	19230.00	13500.00	19
20	13.93	3.86	5939.00	7584.00	11880.00	6152.00	20
21	13.91	4.05	5939.00	7584.00	11370.00	8032.00	21
22	14.09	4.39	4878.00	5916.00	11540.00	6494.00	22
23	13.96	4.80	4878.00	8646.00	12740.00	15890.00	23
24	15.27	4.56	6091.00	7432.00	12910.00	8202.00	24
25	15.75	4.61	4423.00	8798.00	18030.00	29390.00	25
26	15.03	3.94	6091.00	7432.00	12050.00	7006.00	26
27	15.35	4.42	4423.00	9101.00	18890.00	30590.00	27
28	14.92	3.13	6091.00	7432.00	13250.00	7519.00	28
29	12.89	2.87	630.50	2276.00	12050.00	6664.00	29

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 136
TUGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/29/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
1	4155.00	2847.00	2424.00	4235.00	-4412.00	5503.00	1
2	4506.00	3120.00	2618.00	4507.00	-4958.00	4117.00	2
3	4623.00	3471.00	2618.00	4507.00	-4874.00	3445.00	3
4	4428.00	3979.00	1841.00	5595.00	-4412.00	3823.00	4
5	4388.00	4330.00	1446.00	6178.00	-4244.00	4495.00	5
6	3335.00	10690.00	1297.00	7772.00	-7017.00	11720.00	6
7	4934.00	6280.00	1452.00	6606.00	-6429.00	6259.00	7
8	1970.00	11430.00	752.00	7616.00	-6681.00	11550.00	8
9	4461.00	4525.00	1802.00	6023.00	-4580.00	4327.00	9
10	5324.00	5734.00	1918.00	6295.00	-6387.00	6049.00	10
11	3725.00	2262.00	2501.00	2837.00	-4286.00	4453.00	11
12	3569.00	3823.00	1802.00	3691.00	-4833.00	5923.00	12
13	3920.00	2691.00	2501.00	3303.00	-4748.00	5419.00	13
14	3764.00	2145.00	2462.00	2953.00	-4244.00	4663.00	14
15	3842.00	3003.00	2152.00	4507.00	-4454.00	4453.00	15
16	3765.00	3316.00	2385.00	4196.00	-4706.00	4117.00	16
17	4233.00	3081.00	2462.00	4197.00	-4538.00	3865.00	17
18	4272.00	3276.00	2657.00	4002.00	-4790.00	3529.00	18
19	4388.00	4330.00	1879.00	5790.00	-4580.00	3907.00	19
20	4584.00	4291.00	2151.00	5673.00	-4622.00	3949.00	20
21	5012.00	4954.00	2074.00	6139.00	-5672.00	4579.00	21
22	4271.00	4057.00	2463.00	5052.00	-4286.00	3613.00	22
23	4700.00	6514.00	2074.00	6139.00	-6177.00	6847.00	23
24	4193.00	5071.00	1996.00	6140.00	-4244.00	5251.00	24
25	2867.00	11310.00	2229.00	6917.00	-4833.00	11050.00	25
26	4232.00	4486.00	2035.00	5556.00	-4076.00	4579.00	26
27	2321.00	11860.00	1685.00	7539.00	-5337.00	11890.00	27
28	5051.00	4837.00	1724.00	6412.00	-4454.00	5209.00	28
29	4271.00	4057.00	1996.00	5362.00	-4706.00	3613.00	29

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 136
TGW 20800 TCR 9.7 AFT FLIGHT DATE 08/29/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
1	-4485.00	3811.00	3072.00	10610.00	42920.00	11810.00	1
2	-4060.00	3370.00	4422.00	11570.00	42920.00	13290.00	2
3	-4186.00	3181.00	3554.00	11280.00	42480.00	12840.00	3
4	-4343.00	3276.00	4133.00	13410.00	43660.00	15210.00	4
5	-4815.00	3433.00	4615.00	16400.00	43950.00	20520.00	5
6	-8327.00	9543.00	2011.00	28260.00	45720.00	35870.00	6
7	-7949.00	5764.00	3265.00	18710.00	44980.00	22730.00	7
8	-8044.00	9259.00	2686.00	28740.00	45870.00	38970.00	8
9	-4752.00	3307.00	4615.00	16400.00	44690.00	20080.00	9
10	-8422.00	5606.00	3844.00	17750.00	44100.00	20960.00	10
11	-4579.00	3339.00	2686.00	8294.00	42620.00	10040.00	11
12	-4643.00	4850.00	4133.00	9548.00	44400.00	10630.00	12
13	-5020.00	3906.00	3761.00	9548.00	43360.00	11070.00	13
14	-4328.00	3339.00	2976.00	8970.00	43210.00	10330.00	14
15	-5650.00	3717.00	4711.00	10900.00	43510.00	12400.00	15
16	-5871.00	3181.00	4133.00	10710.00	43210.00	12400.00	16
17	-5871.00	3055.00	3747.00	10320.00	43210.00	11520.00	17
18	-5871.00	2992.00	2783.00	10130.00	42030.00	10920.00	18
19	-4532.00	3149.00	5194.00	15050.00	44540.00	18160.00	19
20	-5430.00	2803.00	4712.00	16110.00	44840.00	19040.00	20
21	-7225.00	3905.00	5483.00	17460.00	46010.00	20510.00	21
22	-5461.00	2709.00	3651.00	14270.00	43950.00	16980.00	22
23	-7760.00	6708.00	4519.00	17460.00	44830.00	21100.00	23
24	-5398.00	3528.00	5097.00	19390.00	44250.00	24650.00	24
25	-5210.00	9637.00	5579.00	28350.00	43210.00	38680.00	25
26	-5241.00	3370.00	4422.00	16970.00	43800.00	20670.00	26
27	-5430.00	9290.00	5097.00	31150.00	43950.00	38230.00	27
28	-7036.00	3779.00	5194.00	19290.00	44240.00	23760.00	28
29	-5997.00	2803.00	5097.00	12830.00	43660.00	15210.00	29

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 136
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/29/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
1	35030.00	9732.00	192.90	1565.00	-736.80	1315.00	1
2	33380.00	10390.00	72.63	1986.00	-842.90	1718.00	2
3	33710.00	9732.00	132.80	2227.00	-821.70	1909.00	3
4	34530.00	13200.00	343.40	2979.00	-864.10	2376.00	4
5	34200.00	18800.00	313.30	3430.00	-927.70	2651.00	5
6	35360.00	28100.00	-830.50	7222.00	-2455.00	5451.00	6
7	35360.00	21610.00	193.00	3731.00	-970.10	2863.00	7
8	38320.00	39090.00	-259.00	6108.00	-1946.00	5070.00	8
9	34860.00	18470.00	433.70	3250.00	-927.70	2609.00	9
10	35190.00	18470.00	403.60	3460.00	-927.70	2736.00	10
11	35850.00	9897.00	885.00	1053.00	-312.60	890.80	11
12	37500.00	10230.00	493.80	1204.00	-397.40	1145.00	12
13	37170.00	10890.00	584.10	1113.00	-376.20	1124.00	13
14	36020.00	10390.00	824.80	1053.00	-439.80	1018.00	14
15	35030.00	9732.00	253.10	1745.00	-821.70	1570.00	15
16	35190.00	9567.00	253.20	1805.00	-864.10	1612.00	16
17	34860.00	9237.00	313.30	1745.00	-736.80	1570.00	17
18	34370.00	9402.00	373.50	1685.00	-758.00	1506.00	18
19	35360.00	16000.00	493.80	2949.00	-800.40	2397.00	19
20	36350.00	16660.00	403.60	2979.00	-864.10	2418.00	20
21	36510.00	18470.00	313.30	3310.00	-1013.00	2651.00	21
22	35690.00	14680.00	614.20	2888.00	-758.00	2354.00	22
23	35030.00	19300.00	283.20	3280.00	-927.70	2609.00	23
24	34530.00	23090.00	734.10	3550.00	-821.70	2800.00	24
25	31890.00	37280.00	734.00	5175.00	-1925.00	4751.00	25
26	34860.00	18800.00	674.40	3310.00	-800.40	2609.00	26
27	35350.00	36780.00	313.00	5476.00	-2052.00	5133.00	27
28	34040.00	22270.00	554.00	3490.00	-821.70	2757.00	28
29	35360.00	13030.00	523.90	2738.00	-842.80	2227.00	29

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 136
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/29/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
1	17.97	875.80	828.70	199.80	994.30	342.60	1
2	-22.47	1024.00	813.30	153.60	1018.00	257.00	2
3	-22.44	1078.00	790.30	161.30	1018.00	225.80	3
4	-35.91	1280.00	798.00	230.50	1002.00	257.00	4
5	-49.41	1482.00	774.90	253.50	1010.00	295.90	5
6	-777.00	3180.00	682.70	699.00	1134.00	732.00	6
7	71.88	1846.00	751.90	338.00	1134.00	373.80	7
8	-803.90	2830.00	728.80	791.20	1134.00	747.60	8
9	17.97	1415.00	782.60	261.20	1018.00	303.70	9
10	44.91	1711.00	744.20	299.60	1142.00	366.00	10
11	98.81	687.20	867.10	176.70	978.70	280.30	11
12	125.80	768.00	874.80	291.90	1010.00	373.80	12
13	125.80	795.00	790.30	238.20	1018.00	334.80	13
14	139.30	781.50	821.00	176.70	986.50	288.10	14
15	17.97	875.80	851.80	161.30	994.30	280.30	15
16	-22.44	916.30	874.80	184.30	1002.00	257.00	16
17	-22.44	916.30	836.40	161.30	994.30	249.20	17
18	4.47	862.30	828.70	184.40	1002.00	225.80	18
19	-76.34	1294.00	790.30	222.80	1010.00	264.80	19
20	-157.20	1320.00	798.00	215.10	1002.00	272.60	20
21	-89.84	1415.00	751.90	261.20	1064.00	303.70	21
22	17.97	1307.00	798.00	230.50	994.30	249.20	22
23	-89.81	2062.00	805.60	407.10	1127.00	428.30	23
24	-76.38	1563.00	759.50	284.20	939.80	303.70	24
25	-1006.00	2897.00	736.50	768.20	1033.00	724.20	25
26	-103.30	1455.00	767.30	261.20	970.90	288.10	26
27	-965.60	2641.00	736.50	783.60	1049.00	770.90	27
28	-35.94	1523.00	774.90	284.20	1049.00	334.80	28
29	-8.97	1253.00	828.70	230.40	978.70	249.20	29

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 136
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/29/77

EVENT	A9860SDY	A9860ALT	EVENT
1	12810.00	7930.00	1
2	11140.00	8486.00	2
3	9889.00	8626.00	3
4	4602.00	10290.00	4
5	-1798.00	11690.00	5
6	289.00	21010.00	6
7	-4163.00	13220.00	7
8	-13900.00	18780.00	8
9	-1659.00	11550.00	9
10	-2633.00	12520.00	10
11	8080.00	6261.00	11
12	13640.00	6261.00	12
13	10030.00	6817.00	13
14	12530.00	6261.00	14
15	16010.00	7513.00	15
16	10310.00	7374.00	16
17	10580.00	7095.00	17
18	7245.00	6817.00	18
19	4184.00	10710.00	19
20	984.50	10290.00	20
21	567.00	14050.00	21
22	845.50	9600.00	22
23	-685.00	12800.00	23
24	-7363.00	12240.00	24
25	-14040.00	16970.00	25
26	-6389.00	11270.00	26
27	-9310.00	16140.00	27
28	-2772.00	12660.00	28
29	7106.00	9460.00	29

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 137
TGGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/29/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	3.83	3.48	7.32	.35	14.06	.37	2
3	3.90	5.76	9.66	-1.86	12.46	.65	3
4	4.11	6.80	10.91	-2.69	11.89	.82	4
5	4.04	7.69	11.73	-3.65	12.38	.98	5
6	3.94	8.76	12.70	-4.83	13.00	1.19	6
7	4.01	7.31	11.32	-3.31	12.87	1.06	7
8	4.11	8.94	13.04	-4.90	14.14	1.27	8
9	4.11	8.38	12.49	-4.27	14.10	1.31	9
10	4.01	8.63	12.63	-4.62	14.34	1.31	10
11	3.87	6.83	10.84	-2.96	14.47	1.10	11
12	4.04	5.62	9.66	-1.58	12.06	.82	12
13	3.90	6.18	10.08	-2.27	12.71	.90	13
14	3.76	7.69	11.53	-3.93	13.85	1.15	14
15	3.83	8.18	12.01	-4.34	14.26	1.15	15
16	4.14	8.42	12.70	-4.41	14.67	1.31	16
17	4.25	6.45	10.70	-2.34	11.93	1.27	17
18	4.63	7.52	12.22	-2.90	12.06	.98	18
19	4.76	6.49	11.25	-1.72	13.00	.86	19
20	4.52	5.07	9.59	-.55	14.22	.61	20
21	4.28	8.83	13.18	-4.55	12.38	1.31	21
22	4.21	8.76	12.98	-4.55	13.08	1.27	22
23	4.18	8.73	12.91	-4.62	11.97	1.06	23
24	4.01	7.52	11.53	-3.52	11.69	.86	24
25	4.21	6.69	10.91	-2.62	11.24	.74	25

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 137
TOWW 20800 TOWG 9.7 AFT FLIGHT DATE 08/29/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	13.26	2.87	630.50	2276.00	13930.00	8203.00	2
3	12.38	2.14	934.00	1365.00	15300.00	5810.00	3
4	12.27	1.98	1237.00	2275.00	16320.00	8202.00	4
5	12.73	1.10	1389.00	1517.00	14790.00	5981.00	5
6	12.70	1.98	327.00	4399.00	15130.00	18970.00	6
7	13.67	1.93	430.00	2882.00	15470.00	10770.00	7
8	14.33	2.49	-4072.00	8494.00	15810.00	21020.00	8
9	14.82	2.76	327.00	4702.00	17520.00	20680.00	9
10	15.09	2.87	327.00	4399.00	16670.00	19820.00	10
11	15.70	4.34	24.00	4702.00	16320.00	23240.00	11
12	12.59	2.25	175.50	2124.00	13420.00	7690.00	12
13	13.29	2.31	478.50	2124.00	15130.00	8032.00	13
14	14.92	2.44	478.50	3034.00	14270.00	10250.00	14
15	15.33	2.46	23.50	4096.00	16320.00	15040.00	15
16	15.25	3.08	175.00	5157.00	16670.00	25970.00	16
17	11.68	1.98	782.00	2730.00	14790.00	10770.00	17
18	12.84	1.93	934.00	1972.00	15130.00	9057.00	18
19	13.26	2.22	1541.00	2276.00	17520.00	11450.00	19
20	13.88	2.68	1541.00	2276.00	16320.00	8544.00	20
21	13.05	1.47	1086.00	3034.00	14960.00	13330.00	21
22	13.54	1.34	934.00	2275.00	14100.00	8373.00	22
23	12.38	2.25	-3010.00	5005.00	13080.00	5639.00	23
24	12.08	2.17	933.50	1669.00	14100.00	6665.00	24
25	11.60	2.06	1086.00	2731.00	14100.00	11450.00	25

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 137
TSGW 20800 TSCR 9.7 AFT FLIGHT DATE 08/29/77

EVENT	49720SDY	49720ALT	49730SDY	49730ALT	49740SDY	49740ALT	EVENT
2	4077.00	3081.00	2385.00	3341.00	-3404.00	4159.00	2
3	3998.00	2223.00	2501.00	2914.00	-4160.00	4915.00	3
4	4076.00	2691.00	2734.00	3925.00	-4328.00	5419.00	4
5	4974.00	3432.00	2929.00	4196.00	-4538.00	4453.00	5
6	3920.00	8308.00	1608.00	5285.00	-4581.00	9955.00	6
7	4622.00	5032.00	2307.00	4663.00	-5085.00	5923.00	7
8	3140.00	8698.00	1957.00	5634.00	-5337.00	9787.00	8
9	3335.00	9049.00	1802.00	5479.00	-5211.00	9997.00	9
10	3179.00	8581.00	1724.00	5790.00	-5589.00	9283.00	10
11	3998.00	9478.00	1452.00	5829.00	-5379.00	9997.00	11
12	4701.00	3627.00	2540.00	4352.00	-4916.00	4327.00	12
13	4740.00	3900.00	2268.00	4546.00	-5252.00	3991.00	13
14	4583.00	5461.00	2035.00	5168.00	-5505.00	5755.00	14
15	4817.00	7801.00	1879.00	5246.00	-5673.00	8695.00	15
16	3140.00	10020.00	1724.00	5868.00	-5169.00	10800.00	16
17	3921.00	3159.00	2268.00	4080.00	-4454.00	5545.00	17
18	4116.00	3042.00	2579.00	4157.00	-5000.00	5251.00	18
19	4194.00	3432.00	2968.00	3458.00	-4958.00	5629.00	19
20	5871.00	3783.00	3473.00	3497.00	-3782.00	4873.00	20
21	5324.00	5578.00	2346.00	4546.00	-4287.00	8065.00	21
22	5130.00	4837.00	2695.00	4352.00	-4748.00	5839.00	22
23	4896.00	3198.00	2890.00	4235.00	-4580.00	3991.00	23
24	4389.00	2847.00	2929.00	4041.00	-4580.00	4495.00	24
25	3803.00	3589.00	2229.00	4352.00	-4412.00	5839.00	25

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AIRCRAFT SLP1 FLIGHT 137
TGW 20800 TSCR 9.7 AFT FLIGHT DATE 08/29/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-5241.00	4755.00	1818.00	9741.00	47500.00	11370.00	2
3	-4643.00	3780.00	2397.00	9162.00	46460.00	10040.00	3
4	-4548.00	3937.00	3458.00	10420.00	46610.00	11070.00	4
5	-4500.00	3622.00	3651.00	12340.00	46170.00	13290.00	5
6	-6626.00	8598.00	-1076.00	19960.00	42330.00	22440.00	6
7	-7036.00	4850.00	1336.00	13700.00	44990.00	14760.00	7
8	-7256.00	8913.00	-14.50	20640.00	42770.00	24350.00	8
9	-7382.00	9102.00	2204.00	20350.00	44980.00	23020.00	9
10	-4815.00	8157.00	-207.50	20830.00	42480.00	22880.00	10
11	-6910.00	7999.00	178.50	20640.00	42920.00	21850.00	11
12	-4248.00	3937.00	4422.00	12350.00	47050.00	14470.00	12
13	-6626.00	3622.00	3747.00	12440.00	46310.00	14020.00	13
14	-7477.00	4976.00	2204.00	14950.00	45130.00	17270.00	14
15	-7351.00	7243.00	1336.00	16590.00	42770.00	18450.00	15
16	-7004.00	8409.00	1915.00	26430.00	43800.00	30120.00	16
17	-4359.00	3874.00	4808.00	10220.00	47640.00	11220.00	17
18	-5461.00	4095.00	4615.00	11570.00	42480.00	12550.00	18
19	-5304.00	4063.00	4808.00	11960.00	43660.00	13140.00	19
20	-4454.00	4976.00	3168.00	9355.00	44100.00	9744.00	20
21	-5808.00	6582.00	3843.00	18520.00	42330.00	20370.00	21
22	-6626.00	4567.00	3458.00	15430.00	41590.00	16680.00	22
23	-4186.00	3307.00	3940.00	12250.00	45130.00	13730.00	23
24	-5398.00	3402.00	4229.00	11380.00	46460.00	11810.00	24
25	-4611.00	4000.00	4905.00	10320.00	47050.00	11520.00	25

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 137
TCGW 20800 TCG 9.7 AFT FLIGHT DATE 08/29/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	41130.00	10230.00	433.70	1625.00	-439.80	1400.00	2
3	38000.00	9072.00	945.20	1113.00	-355.00	1018.00	3
4	37670.00	8742.00	584.10	1595.00	-567.10	1358.00	4
5	36020.00	10390.00	644.30	2076.00	-673.20	1845.00	5
6	34370.00	17320.00	-228.30	3671.00	-1458.00	3012.00	6
7	34510.00	10890.00	945.20	2497.00	-652.00	2163.00	7
8	34370.00	20290.00	42.00	4423.00	-1522.00	3924.00	8
9	34180.00	18800.00	343.00	4724.00	-1543.00	4115.00	9
10	33870.00	17810.00	222.70	4001.00	-1607.00	3627.00	10
11	33540.00	17480.00	613.90	4212.00	-1034.00	3564.00	11
12	32000.00	10720.00	945.20	2016.00	-694.40	1739.00	12
13	37340.00	10390.00	1126.00	2377.00	-652.00	2036.00	13
14	37170.00	14850.00	1095.00	3009.00	-588.30	2439.00	14
15	33710.00	15670.00	1246.00	3038.00	-652.00	2503.00	15
16	34350.00	24910.00	433.50	4574.00	-1925.00	3733.00	16
17	38660.00	9072.00	1126.00	1535.00	-652.00	1273.00	17
18	33870.00	10890.00	1035.00	1504.00	-694.40	1315.00	18
19	35520.00	10560.00	945.20	1294.00	-673.20	1039.00	19
20	34840.00	8247.00	1607.00	1234.00	-249.00	996.90	20
21	34530.00	14520.00	1306.00	2196.00	-482.30	1824.00	21
22	33380.00	12040.00	1156.00	1986.00	-694.40	1739.00	22
23	35850.00	11880.00	915.10	2166.00	-758.00	1930.00	23
24	34680.00	9402.00	1035.00	1926.00	-694.40	1612.00	24
25	38330.00	9732.00	1186.00	1655.00	-630.80	1336.00	25

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 137
TCGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/29/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	-89.81	1011.00	867.10	238.20	939.80	272.60	2
3	152.70	768.00	874.80	153.70	970.90	303.70	3
4	58.38	916.30	882.50	192.00	986.50	334.80	4
5	31.44	1078.00	859.40	153.70	1010.00	280.30	5
6	-574.90	1927.00	844.10	445.60	1018.00	630.80	6
7	220.10	1347.00	828.70	261.20	1033.00	381.60	7
8	-790.50	2412.00	844.10	507.00	1041.00	638.50	8
9	-925.20	2331.00	805.70	545.40	1041.00	654.10	9
10	-992.60	2156.00	844.10	491.60	1049.00	615.20	10
11	-790.50	2088.00	836.40	591.50	1033.00	646.30	11
12	85.34	1078.00	851.80	176.70	994.30	280.30	12
13	44.94	1172.00	828.70	199.80	1018.00	257.00	13
14	206.60	1496.00	813.30	276.60	1041.00	373.80	14
15	-8.97	1738.00	767.30	414.80	1049.00	552.90	15
16	-803.90	2318.00	782.60	660.70	1033.00	693.10	16
17	85.34	862.30	874.80	245.80	955.30	350.40	17
18	17.97	956.70	690.40	230.50	924.20	334.80	18
19	-103.30	781.50	629.00	307.30	900.80	358.20	19
20	-89.81	714.10	613.60	276.50	846.30	303.70	20
21	4.50	1428.00	659.70	307.30	893.00	521.70	21
22	98.81	1145.00	682.70	222.80	916.40	373.80	22
23	17.97	1145.00	836.40	161.30	970.90	257.00	23
24	-8.97	983.60	874.80	153.70	970.90	288.10	24
25	31.47	862.30	874.80	261.20	963.10	358.20	25

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 137

TSGW 20800 TSCR 9.7 AFT FLIGHT DATE 08/29/77

EVENT	49860SDY	69860ALT	EVENT
2	-3050.00	5148.00	2
3	7941.00	6122.00	3
4	10440.00	7791.00	4
5	7385.00	8904.00	5
6	2098.00	10570.00	6
7	4324.00	10020.00	7
8	-4302.00	11690.00	8
9	-1798.00	11130.00	9
10	-3606.00	11550.00	10
11	-4441.00	10990.00	11
12	11280.00	8626.00	12
13	7106.00	8904.00	13
14	-1242.00	11130.00	14
15	-4719.00	10710.00	15
16	-6806.00	13630.00	16
17	12950.00	7513.00	17
18	8080.00	7930.00	18
19	2794.00	7652.00	19
20	-3189.00	5287.00	20
21	7663.00	10020.00	21
22	3072.00	9321.00	22
23	8775.00	9182.00	23
24	10720.00	8069.00	24
25	14340.00	7791.00	25

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 138
TUGW 20800 TOCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
1	4.12	5.94	10.05	-1.82	11.37	.66	1
2	4.01	5.07	9.08	-1.12	13.27	.58	2
3	4.19	2.19	6.44	2.00	14.14	.21	3
4	4.34	2.36	6.86	1.72	15.10	.58	4
5	3.98	3.02	7.14	.96	14.10	.99	5
6	3.84	4.41	8.25	-.71	13.85	.33	6
7	3.56	5.45	9.01	-1.89	13.94	.99	7
8	4.08	6.66	10.82	-2.72	11.66	.79	8
9	4.01	7.84	11.86	-3.83	13.03	1.08	9
10	3.94	7.91	11.93	-4.11	14.31	1.20	10
11	4.48	9.53	14.01	-5.04	14.97	1.53	11
12	5.52	10.57	16.09	-5.04	14.76	1.99	12
13	3.93	8.97	12.90	-5.04	13.73	1.61	13
14	3.88	7.57	11.44	-3.69	14.02	1.16	14
15	5.26	9.79	15.05	-4.66	15.01	1.57	15
16	5.19	9.65	14.84	-4.94	15.10	1.57	16
17	5.25	10.29	15.54	-5.04	14.89	1.70	17
18	4.07	9.11	13.18	-5.04	13.36	1.57	18
19	4.93	9.98	14.91	-5.04	13.15	1.78	19
20	4.97	10.01	15.05	-5.04	12.78	1.82	20
21	5.11	10.15	15.26	-5.04	15.55	3.02	21
22	3.94	8.12	12.20	-4.52	15.47	2.03	22
23	4.00	9.04	13.73	-5.04	14.85	1.41	23
24	4.10	9.15	13.25	-5.04	14.68	1.82	24
25	3.67	7.01	10.68	-3.34	12.98	1.37	25
26	3.42	8.09	12.00	-4.66	13.23	1.61	26
27	3.69	8.73	12.41	-5.04	13.52	2.24	27
28	5.23	7.88	13.25	-3.00	11.41	1.28	28
29	5.23	7.95	13.18	-2.79	12.82	2.11	29
30	4.67	6.77	11.44	-2.93	11.74	.95	30
31	3.77	7.11	11.79	-3.34	12.07	.95	31
32	4.50	8.47	12.97	-4.11	12.11	1.24	32
33	6.27	9.54	15.81	-5.04	13.11	1.66	33
34	4.43	8.19	12.62	-3.97	15.43	1.57	34
35	3.81	7.57	11.37	-3.76	14.56	1.37	35
36	3.77	5.59	10.05	-2.16	10.79	1.08	36

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AIRCRAFT SLP1 FLIGHT 138
TCGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	39030SDY	39030ALT	69710SDY	69710ALT	EVENT
1	11.20	2.58	15320.00	12590.00	1
2	12.61	2.96	17240.00	9966.00	2
3	12.77	2.52	14090.00	5070.00	3
4	13.31	3.72	13390.00	5770.00	4
5	13.29	2.88	11290.00	8217.00	5
6	12.80	6.35	11990.00	9266.00	6
7	12.53	5.43	12690.00	8217.00	7
8	11.74	1.82	14620.00	7343.00	8
9	12.91	1.25	14790.00	7518.00	9
10	14.35	2.04	14440.00	6818.00	10
11	14.89	2.74	16710.00	22730.00	11
12	14.02	3.72	17410.00	27620.00	12
13	14.56	3.28	13220.00	13990.00	13
14	13.86	2.47	14270.00	8042.00	14
15	14.89	2.63	20040.00	28150.00	15
16	14.54	2.55	14620.00	27270.00	16
17	13.50	3.80	18990.00	30590.00	17
18	13.04	4.21	14270.00	22730.00	18
19	12.61	3.99	18810.00	24830.00	19
20	12.85	2.82	16190.00	27800.00	20
21	14.21	2.88	17410.00	26220.00	21
22	14.32	4.02	12520.00	11190.00	22
23	15.57	2.33	7099.00	13460.00	23
24	13.53	5.78	12690.00	14160.00	24
25	13.15	3.23	12520.00	10140.00	25
26	13.29	2.61	9721.00	9091.00	26
27	13.23	7.33	12870.00	17480.00	27
28	10.30	2.23	19690.00	20110.00	28
29	12.69	3.10	15320.00	8042.00	29
30	11.52	3.34	15320.00	12240.00	30
31	11.71	2.99	16020.00	12240.00	31
32	11.63	4.91	20040.00	18360.00	32
33	11.14	6.22	17240.00	24650.00	33
34	13.84	3.01	18110.00	10140.00	34
35	15.27	3.61	13390.00	12060.00	35
36	11.52	3.88	9721.00	20280.00	36

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 138
TCGW 20800 TCGR 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
1	3503.00	3675.00	2519.00	3843.00	-4133.00	6637.00	1
2	4570.00	3398.00	3153.00	3446.00	-3502.00	3991.00	2
3	4253.00	2134.00	2994.00	1862.00	-3334.00	1807.00	3
4	3977.00	2410.00	2876.00	1901.00	-3460.00	2857.00	4
5	3937.00	2687.00	3034.00	1743.00	-2746.00	3067.00	5
6	3700.00	3557.00	2955.00	2218.00	-3376.00	4033.00	6
7	3423.00	3122.00	3074.00	2337.00	-3208.00	4033.00	7
8	4333.00	2924.00	2519.00	4556.00	-4510.00	5251.00	8
9	4728.00	4505.00	1925.00	5387.00	-5560.00	4201.00	9
10	5005.00	4545.00	1965.00	5823.00	-5140.00	4537.00	10
11	3581.00	9919.00	736.00	7527.00	-5687.00	9619.00	11
12	2831.00	10430.00	419.00	10060.00	-2873.00	12270.00	12
13	3424.00	8023.00	736.00	7923.00	-5813.00	8065.00	13
14	4056.00	4939.00	1846.00	6022.00	-4972.00	4453.00	14
15	4016.00	11300.00	1687.00	7210.00	-5141.00	12010.00	15
16	5004.00	11500.00	1172.00	7487.00	-5099.00	12060.00	16
17	3898.00	10950.00	498.50	8082.00	-4847.00	11800.00	17
18	3582.00	9287.00	1331.00	7171.00	-5771.00	10540.00	18
19	3819.00	10390.00	617.50	8201.00	-7746.00	12600.00	19
20	2436.00	10670.00	1133.00	8399.00	-6822.00	12600.00	20
21	3977.00	11100.00	2717.00	6576.00	-5519.00	10960.00	21
22	4412.00	5927.00	1845.00	6576.00	-5141.00	5713.00	22
23	3700.00	5374.00	1410.00	6220.00	-2705.00	7561.00	23
24	5083.00	7785.00	1846.00	7686.00	-4427.00	7855.00	24
25	3463.00	5374.00	1608.00	6022.00	-4552.00	5377.00	25
26	3898.00	4860.00	1846.00	6101.00	-5644.00	4873.00	26
27	5083.00	7864.00	1647.00	7804.00	-5939.00	7939.00	27
28	4451.00	6441.00	2242.00	6021.00	-3881.00	10920.00	28
29	5241.00	3675.00	3034.00	4912.00	-4216.00	5965.00	29
30	3898.00	3754.00	1766.00	5546.00	-6233.00	7057.00	30
31	4332.00	4189.00	1965.00	5585.00	-4007.00	8107.00	31
32	4530.00	6362.00	2242.00	6100.00	-4385.00	12180.00	32
33	4491.00	9880.00	3668.00	7289.00	-5519.00	15080.00	33
34	4847.00	4387.00	2123.00	5823.00	-4216.00	4537.00	34
35	4135.00	6757.00	1370.00	6972.00	-6737.00	6385.00	35
36	3305.00	8299.00	1450.00	7765.00	-2075.00	8780.00	36

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 138
TGW 20800 TBC 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
1	-4133.00	4851.00	2637.00	11890.00	43670.00	14020.00	1
2	-5141.00	3591.00	1759.00	9067.00	43670.00	10740.00	2
3	-3944.00	2142.00	589.00	6142.00	42480.00	5666.00	3
4	-4354.00	2866.00	-2043.00	9164.00	38600.00	8052.00	4
5	-3535.00	3307.00	-3213.00	6044.00	38600.00	5965.00	5
6	-5299.00	3307.00	-1166.00	8482.00	39790.00	8052.00	6
7	-5834.00	3528.00	297.00	8189.00	41130.00	9096.00	7
8	-4889.00	3969.00	3904.00	11210.00	44410.00	12080.00	8
9	-6937.00	3874.00	2247.00	13840.00	42030.00	14760.00	9
10	-7441.00	3622.00	3222.00	15600.00	43820.00	18340.00	10
11	-5047.00	7969.00	1272.00	29830.00	42170.00	35190.00	11
12	-5016.00	11020.00	6341.00	35290.00	49480.00	46670.00	12
13	-7315.00	8032.00	101.50	25150.00	41580.00	28630.00	13
14	-7409.00	3843.00	3222.00	14620.00	44710.00	16550.00	14
15	-7598.00	9450.00	4684.00	26610.00	43670.00	34000.00	15
16	-8165.00	9639.00	3514.00	24860.00	49480.00	31160.00	16
17	-8984.00	9387.00	8096.00	31000.00	49030.00	39060.00	17
18	-7598.00	9198.00	4.00	20380.00	42320.00	23410.00	18
19	-7661.00	10020.00	1856.00	27300.00	45010.00	35930.00	19
20	-7094.00	11020.00	1857.00	28270.00	44710.00	36530.00	20
21	-6401.00	9072.00	1856.00	27690.00	43360.00	33690.00	21
22	-5330.00	4977.00	2637.00	21250.00	48140.00	25640.00	22
23	-3756.00	7875.00	1467.00	23790.00	41130.00	29370.00	23
24	-4748.00	6583.00	2344.00	25250.00	38290.00	30410.00	24
25	-6685.00	4819.00	4391.00	15600.00	43970.00	18190.00	25
26	-4007.00	4725.00	5854.00	19400.00	48290.00	22510.00	26
27	-5834.00	8001.00	4002.00	30420.00	43370.00	33990.00	27
28	-4165.00	9859.00	4781.00	17160.00	44560.00	19980.00	28
29	-7378.00	5386.00	2149.00	14920.00	40690.00	17600.00	29
30	-4322.00	6930.00	4976.00	12090.00	41430.00	13870.00	30
31	-4007.00	7560.00	5172.00	13060.00	44120.00	15950.00	31
32	-3693.00	11150.00	5561.00	16960.00	44860.00	21470.00	32
33	-5236.00	12760.00	4879.00	25440.00	43970.00	29520.00	33
34	-6685.00	3307.00	4294.00	17060.00	45610.00	20430.00	34
35	-8165.00	5670.00	5269.00	20380.00	45760.00	25350.00	35
36	-3063.00	7875.00	3027.00	15210.00	41580.00	20880.00	36

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 138

TGOW 20800 TCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
1	36010.00	12310.00	-222.80	1505.00	-97.94	1216.00	1
2	37000.00	9982.00	469.30	1354.00	153.60	1048.00	2
3	37170.00	4825.00	529.50	812.50	111.70	586.90	3
4	33340.00	6655.00	770.30	1113.00	-77.00	817.40	4
5	37000.00	4991.00	649.90	993.10	174.50	607.80	5
6	36170.00	6821.00	770.30	932.90	258.40	691.70	6
7	34680.00	8318.00	469.30	993.10	48.75	691.70	7
8	35010.00	9649.00	48.03	1775.00	-412.30	1530.00	8
9	32510.00	12140.00	-72.31	2919.00	-580.00	2327.00	9
10	34340.00	16970.00	198.50	3370.00	-559.10	2683.00	10
11	32850.00	32440.00	198.30	4213.00	-1607.00	4109.00	11
12	35670.00	48910.00	-1758.00	7493.00	-2530.00	6330.00	12
13	33510.00	24460.00	17.50	4274.00	-726.80	3186.00	13
14	36010.00	15310.00	379.10	3370.00	-412.30	2746.00	14
15	38000.00	33600.00	-975.50	7253.00	-1440.00	5450.00	15
16	40160.00	33770.00	-584.00	7102.00	-1356.00	5324.00	16
17	39160.00	39090.00	-795.00	6771.00	-1942.00	5492.00	17
18	33340.00	19960.00	-524.00	3792.00	-789.70	3207.00	18
19	39990.00	37590.00	-1999.00	7313.00	-1733.00	5198.00	19
20	43650.00	38920.00	-3143.00	7614.00	-2467.00	5429.00	20
21	34670.00	32930.00	168.00	6109.00	-916.00	5303.00	21
22	38340.00	24620.00	288.80	3701.00	-684.80	2767.00	22
23	31680.00	28280.00	379.10	3431.00	-14.09	2851.00	23
24	31850.00	32770.00	1763.00	3912.00	-349.50	2725.00	24
25	32350.00	16300.00	740.10	3551.00	-181.80	2599.00	25
26	34330.00	20300.00	529.50	3340.00	-601.00	2599.00	26
27	33180.00	27780.00	649.90	3340.00	-601.00	2641.00	27
28	34840.00	20130.00	710.10	2799.00	-601.00	1970.00	28
29	32010.00	16300.00	-162.60	2046.00	-894.40	1803.00	29
30	35510.00	12480.00	318.90	1986.00	-454.30	1656.00	30
31	34180.00	14470.00	409.20	2016.00	-391.40	1677.00	31
32	35670.00	21290.00	288.80	2558.00	-97.94	2096.00	32
33	36010.00	27620.00	-283.40	4274.00	-1209.00	3584.00	33
34	36170.00	19130.00	469.30	3461.00	-496.20	2704.00	34
35	35340.00	23960.00	469.00	4002.00	-538.10	2830.00	35
36	32510.00	21460.00	17.94	2407.00	-684.80	1970.00	36

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 138
TCGW 20800 TCCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY
1	-36.31	916.00	854.00	306.70	1627.00
2	165.80	660.10	746.70	276.00	1581.00
3	111.90	309.80	846.30	145.70	1573.00
4	-171.00	781.30	838.70	168.70	1573.00
5	84.91	390.70	884.70	230.00	1535.00
6	138.80	498.40	907.70	237.60	1566.00
7	71.44	458.00	923.00	222.30	1543.00
8	71.47	943.00	884.70	153.30	1635.00
9	-22.84	1334.00	800.40	237.60	1697.00
10	-76.72	1468.00	785.00	253.00	1666.00
11	-629.00	2640.00	854.00	536.60	1704.00
12	-629.10	3772.00	831.00	728.30	1519.00
13	-171.00	2263.00	831.00	421.60	1720.00
14	-49.78	1441.00	854.00	260.70	1666.00
15	-507.80	2788.00	662.40	743.60	1681.00
16	-76.72	2735.00	731.40	781.90	1658.00
17	-1316.00	3193.00	792.70	812.60	1635.00
18	-427.00	2357.00	838.70	521.30	1704.00
19	-171.00	3395.00	915.30	628.60	1689.00
20	-1505.00	3812.00	823.40	659.30	1666.00
21	-319.20	3220.00	693.10	682.30	1650.00
22	57.97	1657.00	831.00	314.30	1589.00
23	327.40	2519.00	915.30	322.00	1504.00
24	246.60	1684.00	746.70	536.60	1658.00
25	138.80	1522.00	823.40	337.30	1627.00
26	-76.72	1441.00	815.70	283.60	1704.00
27	-90.19	1509.00	892.30	498.30	1720.00
28	273.50	1684.00	723.70	467.60	1620.00
29	-171.00	1401.00	769.70	207.00	1589.00
30	84.91	1145.00	823.40	291.30	1581.00
31	84.91	1172.00	792.70	276.00	1581.00
32	-467.40	1886.00	677.70	437.00	1596.00
33	-696.40	2277.00	746.70	628.60	1704.00
34	-9.38	1509.00	785.00	253.00	1596.00
35	17.56	1886.00	785.00	391.00	1758.00
36	17.56	1239.00	907.70	590.30	1481.00

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 138
TCGW 20800 TCGR 9.7 AFT FLIGHT DATE 08/30/77

EVENT	A9860SDY	69860ALT	EVENT
1	15440.00	7680.00	1
2	3008.00	5865.00	2
3	-2718.00	3212.00	3
4	-9280.00	7261.00	4
5	-3416.00	8099.00	5
6	-3136.00	4468.00	6
7	3427.00	7959.00	7
8	12780.00	8099.00	8
9	6638.00	10610.00	9
10	-1321.00	11870.00	10
11	-7744.00	15780.00	11
12	-6069.00	23320.00	12
13	354.50	16900.00	13
14	-203.50	10750.00	14
15	-5929.00	17040.00	15
16	-7186.00	15500.00	16
17	-6068.00	18570.00	17
18	4265.00	13820.00	18
19	3148.00	22200.00	19
20	3566.00	20390.00	20
21	-10960.00	22060.00	21
22	-9839.00	17040.00	22
23	-10960.00	13960.00	23
24	-4812.00	18430.00	24
25	6080.00	12570.00	25
26	5382.00	14380.00	26
27	3846.00	20670.00	27
28	14600.00	12710.00	28
29	3567.00	16480.00	29
30	12500.00	8937.00	30
31	9431.00	8937.00	31
32	4963.00	11170.00	32
33	2449.00	16760.00	33
34	-5789.00	11870.00	34
35	-7186.00	13540.00	35
36	19070.00	10190.00	36

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TCGW 20800 TCCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.94	8.85	13.79	-3.91	11.98	1.20	2
3	4.11	7.53	12.33	-3.43	11.86	.99	3
4	5.27	10.33	15.60	-5.06	11.69	1.49	4
5	5.25	7.78	13.03	-3.36	14.05	1.12	5
6	4.07	7.36	11.43	-3.29	12.15	.87	6
7	4.94	8.64	13.58	-3.70	11.28	1.16	7
8	5.46	9.03	14.49	-3.77	11.28	1.33	8
9	3.83	7.05	10.88	-3.22	11.82	.70	9
10	5.04	8.54	13.58	-3.50	13.47	2.11	10
11	4.49	6.11	10.60	-1.62	13.43	.83	11
12	3.97	5.66	9.63	-1.69	13.27	.66	12
13	3.66	7.91	11.57	-4.26	13.60	1.16	13
14	4.45	9.06	13.51	-4.61	12.56	1.20	14
15	4.52	9.55	14.07	-5.02	13.31	1.37	15
16	4.77	9.79	14.56	-5.06	12.89	1.37	16
17	4.30	9.36	13.65	-5.06	12.65	1.28	17
18	4.25	9.06	13.31	-4.81	14.14	1.28	18
19	5.20	10.26	15.46	-5.06	15.13	1.53	19
20	3.83	7.95	11.78	-4.12	12.94	1.08	20
21	4.04	7.60	11.64	-3.56	12.52	.91	21
22	3.83	7.32	11.15	-3.50	11.49	1.04	22
23	4.04	7.19	11.22	-3.36	11.49	1.04	23
24	4.28	7.64	11.92	-3.36	11.98	1.12	24
25	3.93	6.94	10.88	-3.01	12.02	.83	25
26	3.93	7.78	11.71	-3.84	11.49	1.37	26
27	3.66	8.68	12.33	-5.02	12.27	1.08	27
28	3.66	6.46	10.11	-2.80	10.70	.75	28
29	3.83	6.49	10.32	-2.87	9.25	.70	29
30	4.04	6.42	10.53	-2.39	8.42	.70	30
31	3.66	5.69	9.35	-2.11	7.92	.62	31
32	3.41	3.65	7.06	-.23	6.64	.41	32
33	3.86	3.96	7.82	-.23	6.68	.46	33
34	3.27	4.27	8.24	-1.00	6.93	.54	34
35	4.94	5.73	10.67	-.93	7.05	.66	35
36	4.87	5.94	10.81	-1.07	6.85	.70	36
37	3.34	3.51	6.99	-.16	7.63	1.33	37
38	2.86	3.99	7.06	-1.14	6.56	.41	38
39	3.66	4.58	8.24	-.93	6.64	.66	39
40	3.69	4.20	7.89	-.65	6.89	.99	40
41	5.32	5.83	11.15	-.86	8.21	.99	41
42	4.80	6.35	11.15	-1.83	12.94	.83	42
43	3.52	5.00	8.52	-1.55	11.98	.62	43
44	4.73	7.05	11.78	-2.31	13.72	1.12	44
45	4.49	6.18	10.67	-1.69	13.60	.91	45
46	4.28	6.46	10.74	-2.59	11.49	.87	46
47	4.45	6.42	10.88	-2.39	9.91	.70	47
48	4.18	6.07	10.25	-1.97	12.07	.79	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TCGW 20800 TSCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
49	3.45	6.18	10.39	-2.73	12.36	.31	49

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
T0GW 20800 T0CG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	13.13	2.77	1428.00	2886.00	18770.00	11910.00	2
3	12.56	2.48	1580.00	2734.00	14280.00	12950.00	3
4	11.50	3.65		5000.00	16530.00	27280.00	4
5	14.04	2.56	1125.00	4405.00	16010.00	14330.00	5
6	12.51	2.04	1277.00	1823.00	16530.00	7251.00	6
7	12.21	2.88	1580.00	4253.00	15660.00	18820.00	7
8	12.21	3.43	1732.00	5316.00	17740.00	21240.00	8
9	12.34	2.20	1125.00	1671.00	14970.00	5352.00	9
10	13.18	2.99	1884.00	2430.00	19290.00	10360.00	10
11	12.89	2.86	2340.00	4405.00	16360.00	15370.00	11
12	11.88	3.27	1125.00	2886.00	11690.00	12090.00	12
13	14.60	1.90	973.00	2734.00	15660.00	9151.00	13
14	12.61	2.75	1277.00	6988.00	14110.00	27970.00	14
15	12.56	2.59		4000.00	16530.00	21750.00	15
16	12.37	2.88		6000.00	13770.00	27970.00	16
17	11.66	2.39	-6166.00	11700.00	13420.00	20370.00	17
18	12.70	1.20	972.50	3646.00	16360.00	14680.00	18
19	12.48	2.72		6500.00	13940.00	26410.00	19
20	13.21	1.93	1125.00	1671.00	14460.00	5179.00	20
21	13.00	1.06	1125.00	1975.00	16360.00	8805.00	21
22	12.26	.98	517.00	1975.00	13420.00	9668.00	22
23	12.59	1.36	972.50	1823.00	13080.00	5870.00	23
24	12.29	1.17	1125.00	2583.00	13420.00	11740.00	24
25	13.00	2.10	1277.00	1519.00	14280.00	6043.00	25
26	12.42	1.47	1429.00	1975.00	15490.00	8978.00	26
27	11.58	5.69		2000.00	10660.00	11050.00	27
28	10.95	1.63	365.50	2127.00	10830.00	7079.00	28
29	9.87	1.63	213.50	3494.00	11690.00	12090.00	29
30	9.19	1.44	1277.00	3646.00	10830.00	11220.00	30
31	5.08	2.56	1125.00	4709.00	13770.00	19340.00	31
32	4.94	2.37	669.00	4861.00	11350.00	14500.00	32
33	5.16	2.59	517.00	5924.00	11870.00	19160.00	33
34	6.22	2.56	517.00	6228.00	12730.00	21750.00	34
35	8.72	2.23	1125.00	6228.00	13940.00	23650.00	35
36	7.64	2.99	1732.00	5924.00	14630.00	17090.00	36
37	5.49	2.37	973.00	5468.00	10140.00	13710.00	37
38	3.96	2.10	365.00	4557.00	9622.00	14500.00	38
39	5.44	3.43	1125.00	5317.00	9968.00	16570.00	39
40	5.51	3.59	669.00	4861.00	7723.00	16400.00	40
41	6.11	2.94	1125.00	6532.00	12730.00	20720.00	41
42	12.32	2.72	2036.00	2886.00	14110.00	12090.00	42
43	11.55	2.83	1125.00	2583.00	14630.00	11220.00	43
44	12.75	2.99	2492.00	3038.00	16870.00	11740.00	44
45	11.53	3.45	213.00	4405.00	15320.00	16750.00	45
46	13.27	3.40	1885.00	4861.00	17220.00	21410.00	46
47	12.21	3.48	1581.00	4861.00	16360.00	19850.00	47
48	13.10	3.24	2036.00	4709.00	14970.00	20890.00	48

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TSGW 20800 TSCR 9.7 AFT FLIGHT DATE 08/30/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
49	13.05	3.67	1429.00	3798.00	11690.00	15540.00	49

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FLIGHT LEADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLIP: FLIGHT 139
TCGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
2	3661.00	4230.00	2910.00	4799.00	-4596.00	8026.00	2
3	4056.00	4546.00	2196.00	4878.00	-4681.00	9287.00	3
4	3542.00	9410.00	2355.00	7180.00	-5101.00	13660.00	4
5	4135.00	4705.00	2394.00	5315.00	-3589.00	9203.00	5
6	4214.00	2649.00	2830.00	3689.00	-4218.00	4791.00	6
7	4017.00	5851.00	2156.00	5394.00	-3882.00	10930.00	7
8	3740.00	8342.00	2632.00	5077.00	-4471.00	12190.00	8
9	4294.00	2254.00	2791.00	3411.00	-3840.00	4244.00	9
10	4479.00	4151.00	2830.00	3927.00	-5941.00	7018.00	10
11	5519.00	4349.00	3544.00	5117.00	-3588.00	6765.00	11
12	3028.00	4547.00	2315.00	4521.00	-3336.00	6933.00	12
13	5005.00	4942.00	2355.00	4799.00	-5689.00	5337.00	13
14	4096.00	10200.00	2116.00	5196.00	-5479.00	13870.00	14
15	3661.00	8501.00	2394.00	4839.00	-4807.00	10590.00	15
16	3661.00	9845.00	2235.00	5315.00	-5185.00	12730.00	16
17	4333.00	9094.00	1958.00	5989.00	-5353.00	10380.00	17
18	5914.00	6247.00	3069.00	4561.00	-4639.00	8993.00	18
19	3977.00	10480.00	2513.00	6069.00	-5269.00	12400.00	19
20	4965.00	3400.00	2831.00	4085.00	-5311.00	3866.00	20
21	4689.00	4467.00	2156.00	4284.00	-4596.00	5169.00	21
22	4056.00	3993.00	2632.00	4284.00	-4764.00	4749.00	22
23	3898.00	3756.00	1799.00	4641.00	-5059.00	4118.00	23
24	5361.00	4981.00	2196.00	4482.00	-5311.00	6807.00	24
25	5361.00	3558.00	3148.00	4402.00	-4639.00	4202.00	25
26	4151.00	4665.00	2950.00	4680.00	-4428.00	5001.00	26
27	4609.00	4863.00	2037.00	5275.00	-4386.00	5043.00	27
28	3937.00	3479.00	2275.00	4085.00	-3546.00	4202.00	28
29	4096.00	4823.00	1204.00	5077.00	-4386.00	5547.00	29
30	4491.00	5298.00	1760.00	5871.00	-4512.00	5925.00	30
31	3226.00	7116.00	1442.00	6823.00	-5731.00	6303.00	31
32	2475.00	6365.00	847.00	6307.00	-3378.00	4706.00	32
33	2672.00	6563.00	887.00	7219.00	-3042.00	7648.00	33
34	3819.00	7077.00	1442.00	7854.00	-3084.00	7354.00	34
35	3779.00	8065.00	768.00	8290.00	-4597.00	8446.00	35
36	4017.00	7353.00	1442.00	6743.00	-6361.00	6430.00	36
37	3542.00	6721.00	926.50	5752.00	-2915.00	5253.00	37
38	1012.00	6642.00	1085.00	6069.00	-3125.00	5127.00	38
39	2514.00	7275.00	609.00	6545.00	-3336.00	5841.00	39
40	4056.00	6998.00	1958.00	7021.00	-3168.00	6093.00	40
41	1921.00	7393.00	1839.00	7458.00	-4218.00	7984.00	41
42	5124.00	3716.00	3148.00	4323.00	-4386.00	6051.00	42
43	3423.00	3835.00	2473.00	4363.00	-4134.00	5715.00	43
44	5440.00	3795.00	2989.00	3530.00	-5521.00	5421.00	44
45	5835.00	5535.00	3307.00	5037.00	-4134.00	8236.00	45
46	5875.00	7709.00	2989.00	6069.00	-1277.00	8572.00	46
47	4017.00	7195.00	2394.00	5156.00	-1151.00	7522.00	47
48	4333.00	7195.00	2116.00	5355.00	-1571.00	8614.00	48

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
49	3028.00	6761.00	2315.00	5156.00	-2580.00	9623.00	49

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TOGW 20800 TOCR 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-4693.00	7054.00	2556.00	14370.00	46120.00	16740.00	2
3	-4819.00	6551.00	4805.00	13880.00	48360.00	15990.00	3
4	-3907.00	11310.00	2361.00	23170.00	53430.00	25250.00	4
5	-3371.00	7747.00	3339.00	14760.00	46710.00	16740.00	5
6	-4945.00	3464.00	3143.00	10460.00	46120.00	11060.00	6
7	-2269.00	9038.00	4805.00	14270.00	48060.00	17190.00	7
8	-3718.00	10800.00	6174.00	17600.00	50450.00	20180.00	8
9	-5039.00	3055.00	2450.00	9581.00	47010.00	10760.00	9
10	-5953.00	5983.00	1677.00	14270.00	45220.00	14650.00	10
11	-3214.00	7716.00	1872.00	13690.00	44470.00	15390.00	11
12	-2709.00	6708.00	5098.00	10850.00	50000.00	13150.00	12
13	-7118.00	4504.00	2752.00	13390.00	45820.00	14650.00	13
14	-4866.00	10550.00	4707.00	23950.00	48200.00	30180.00	14
15	-6457.00	9070.00	601.00	20630.00	44620.00	23910.00	15
16	-4898.00	10080.00	4205.00	26790.00	49840.00	30330.00	16
17	-6803.00	8849.00	2361.00	23370.00	48200.00	29590.00	17
18	-4331.00	7054.00	1579.00	18480.00	45520.00	22420.00	18
19	-6551.00	9101.00	3045.00	27370.00	49250.00	34520.00	19
20	-4457.00	3212.00	3827.00	12320.00	46860.00	13600.00	20
21	-6646.00	3968.00	2166.00	12610.00	45820.00	14350.00	21
22	-4110.00	4063.00	3432.00	12120.00	46260.00	13300.00	22
23	-6268.00	4283.00	4316.00	12220.00	47460.00	13300.00	23
24	-4646.00	5606.00	3045.00	14660.00	45220.00	16140.00	24
25	-5260.00	2960.00	4121.00	11050.00	44320.00	12260.00	25
26	-5953.00	3653.00	3339.00	13000.00	45070.00	15990.00	26
27	-4882.00	5039.00	1970.00	18090.00	46410.00	18230.00	27
28	-5008.00	3779.00	4609.00	10750.00	47160.00	11810.00	28
29	-4977.00	4692.00	4218.00	12510.00	46260.00	14800.00	29
30	-3056.00	5606.00	5782.00	14860.00	47610.00	16140.00	30
31	-4110.00	5889.00	210.00	16130.00	44020.00	19430.00	31
32	-3937.00	4850.00	-377.00	15740.00	48950.00	20770.00	32
33	-2174.00	7180.00	2263.00	15450.00	46260.00	19280.00	33
34	-5197.00	8125.00	-1844.00	17990.00	46710.00	23310.00	34
35	-5229.00	7967.00	3436.00	19550.00	45360.00	24650.00	35
36	-3276.00	6078.00	-279.00	19550.00	44470.00	22860.00	36
37	-3496.00	5480.00	1383.00	15350.00	48800.00	17630.00	37
38	-1356.00	5606.00	3436.00	15640.00	45970.00	17790.00	38
39	-3874.00	5480.00	4121.00	15150.00	46860.00	17790.00	39
40	-3245.00	5858.00	4316.00	17110.00	48800.00	18230.00	40
41	-5512.00	7495.00	3827.00	19550.00	47910.00	22420.00	41
42	-4315.00	5606.00	3241.00	13300.00	41930.00	15540.00	42
43	-4378.00	6488.00	5587.00	10560.00	46560.00	13300.00	43
44	-6425.00	4819.00	2361.00	11440.00	40740.00	13450.00	44
45	-4851.00	7967.00	4805.00	13300.00	42830.00	17640.00	45
46	-3151.00	7275.00	1872.00	14270.00	42380.00	15990.00	46
47	-4536.00	6330.00	3632.00	12710.00	40880.00	15390.00	47
48	-4252.00	6677.00	3534.00	13000.00	42080.00	15100.00	48

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FLIGHT LOADS

CH-4A FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TCGW 20800 TBCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
49	-5386.00	6865.00	5098.00	11830.00	42980.00	14500.00	49

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	34830.00	14150.00	383.40	1867.00	-305.30	1553.00	2
3	39490.00	13810.00	564.10	1807.00	-284.30	1406.00	3
4	41990.00	24300.00	-1002.00	5781.00	-1334.00	4427.00	4
5	37160.00	14810.00	564.10	1807.00	-116.50	1574.00	5
6	37000.00	8988.00	684.50	1566.00	-179.40	1343.00	6
7	39660.00	16310.00	353.30	2439.00	-662.00	2203.00	7
8	41490.00	20470.00	112.10	4185.00	-1166.00	3378.00	8
9	39000.00	9653.00	804.90	1505.00	-137.50	1259.00	9
10	35830.00	11820.00	865.20	2228.00	-536.10	1783.00	10
11	39990.00	15650.00	1106.00	1626.00	-32.59	1112.00	11
12	41160.00	13150.00	624.30	1927.00	-578.10	1741.00	12
13	37660.00	12320.00	1106.00	2650.00	-200.40	2245.00	13
14	39330.00	22640.00	-671.00	5751.00	-1774.00	4826.00	14
15	35330.00	18970.00	-189.00	4366.00	-1187.00	3861.00	15
16	40820.00	26790.00	-1153.00	6233.00	-2215.00	5434.00	16
17	39990.00	25300.00	-219.50	4577.00	-1501.00	3840.00	17
18	35500.00	19140.00	985.60	2288.00	-221.40	1930.00	18
19	40990.00	33280.00	172.00	6233.00	-1187.00	5120.00	19
20	37000.00	10320.00	985.60	2409.00	-326.30	1993.00	20
21	36330.00	11320.00	1196.00	2138.00	-221.40	1846.00	21
22	36670.00	10320.00	1016.00	1957.00	-305.30	1762.00	22
23	37330.00	10320.00	1287.00	2710.00	-53.56	2140.00	23
24	36670.00	10980.00	1046.00	1987.00	-305.30	1762.00	24
25	35170.00	12150.00	1076.00	2017.00	-410.30	1783.00	25
26	36670.00	13320.00	1046.00	2047.00	-368.30	1867.00	26
27	36330.00	14310.00	1016.00	2138.00	-326.30	1867.00	27
28	37160.00	8821.00	925.30	1746.00	-263.40	1553.00	28
29	36170.00	10820.00	774.80	2078.00	-368.30	1741.00	29
30	37160.00	13150.00	594.20	2078.00	-599.10	1721.00	30
31	37830.00	18810.00	1106.00	2469.00	-32.59	1616.00	31
32	41660.00	19640.00	1226.00	1987.00	114.30	1469.00	32
33	36670.00	19640.00	1136.00	2138.00	-326.30	1783.00	33
34	38660.00	22640.00	1377.00	2258.00	-536.10	1993.00	34
35	36170.00	25460.00	1076.00	2379.00	-599.10	2014.00	35
36	35500.00	24800.00	835.00	2318.00	-515.20	1846.00	36
37	41660.00	19640.00	1106.00	2108.00	240.20	1511.00	37
38	37830.00	17810.00	985.60	2047.00	-11.59	1553.00	38
39	37500.00	18140.00	1136.00	2258.00	-263.40	1721.00	39
40	39830.00	17810.00	744.70	2409.00	-326.30	1700.00	40
41	37500.00	23800.00	1166.00	2589.00	-536.20	2035.00	41
42	35500.00	13810.00	774.80	1596.00	-137.50	1343.00	42
43	36830.00	12820.00	1618.00	1174.00	282.20	839.30	43
44	35170.00	13810.00	1106.00	1385.00	-32.56	1154.00	44
45	38160.00	18470.00	172.60	2258.00	-410.30	2035.00	45
46	37840.00	16810.00	1377.00	2379.00	-1103.00	2182.00	46
47	36670.00	16640.00	142.50	1987.00	-452.20	1616.00	47
48	32340.00	14980.00	895.20	1776.00	-158.50	1196.00	48

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TOGW 20300 YECG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
49	34500.00	14150.00	-881.30	3493.00	-1355.00	2938.00	49

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139

TORG 20800 TORG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	137.50	1255.00	938.50	283.80	1695.00	500.80	2
3	83.50	1039.00	915.50	337.50	1695.00	562.40	3
4	-118.90	3131.00	907.80	605.90	1718.00	862.90	4
5	-240.40	1444.00	838.80	337.50	1633.00	562.40	5
6	137.40	877.10	884.80	168.70	1672.00	292.80	6
7	-145.90	1862.00	884.80	460.20	1664.00	670.30	7
8	110.50	1957.00	854.10	613.60	1695.00	778.20	8
9	151.00	836.70	915.50	138.00	1680.00	269.70	9
10	-429.30	1660.00	739.10	253.10	1772.00	439.20	10
11	-78.44	904.10	792.80	352.80	1657.00	416.00	11
12	-469.80	1673.00	1015.00	268.40	1757.00	423.80	12
13	231.90	1430.00	831.10	253.10	1700.00	300.00	13
14	-1172.00	3023.00	838.80	644.20	1764.00	847.50	14
15	-469.80	2321.00	808.10	506.20	1718.00	693.40	15
16	-766.70	3293.00	808.10	613.60	1757.00	824.40	16
17	-375.30	2227.00	976.80	506.20	1780.00	678.00	17
18	43.00	1538.00	815.80	360.50	1703.00	585.50	18
19	-226.90	2838.00	831.10	621.30	1703.00	816.70	19
20	56.50	1201.00	846.40	161.10	1718.00	246.50	20
21	56.50	1174.00	838.80	199.40	1703.00	339.00	21
22	56.50	1093.00	900.20	230.10	1710.00	315.90	22
23	245.40	1363.00	900.20	168.70	1710.00	254.30	23
24	124.00	1107.00	854.10	291.40	1687.00	446.80	24
25	43.00	1080.00	846.40	207.10	1680.00	269.70	25
26	2.50	1066.00	831.10	268.40	1664.00	315.90	26
27	16.00	1161.00	907.80	268.40	1687.00	323.60	27
28	29.50	931.10	938.50	161.10	1633.00	269.70	28
29	191.40	1201.00	923.20	299.10	1718.00	369.80	29
30	96.97	1107.00	930.80	260.80	1649.00	377.50	30
31	83.47	1147.00	938.50	544.50	1803.00	408.30	31
32	124.00	863.70	1161.00	398.80	1710.00	315.90	32
33	137.50	1093.00	1130.00	444.80	1633.00	485.40	33
34	29.50	1255.00	1176.00	490.80	1757.00	470.00	34
35	218.40	1606.00	1100.00	536.90	1780.00	523.90	35
36	177.90	1376.00	976.80	460.20	1888.00	431.50	36
37	299.40	931.10	1153.00	406.50	1680.00	346.70	37
38	407.30	985.10	1169.00	437.20	1472.00	323.60	38
39	96.97	998.60	1092.00	406.50	1641.00	369.80	39
40	96.97	971.60	1092.00	437.20	1664.00	377.50	40
41	2.50	1471.00	1084.00	460.20	1841.00	523.90	41
42	56.47	958.10	739.10	314.40	1687.00	385.20	42
43	245.40	688.20	838.80	322.10	1664.00	377.50	43
44	191.40	823.20	746.70	306.80	1726.00	331.30	44
45	-388.80	2132.00	823.50	414.20	1641.00	539.30	45
46	-888.10	1876.00	693.10	544.60	1441.00	554.70	46
47	-537.30	1768.00	746.80	506.20	1472.00	477.70	47
48	70.00	1484.00	769.80	544.60	1472.00	508.50	48

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TCGW 20800 TCGR 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
49	-1347.00	2767.00	838.80	444.80	1510.00	577.80	49

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CH-46 COMPOSITE ROTOR BLADE FLIGHT STRESS SURVEY DATA. VOLUME X--ETC(U)

1978 R AIELLO, J BENDO

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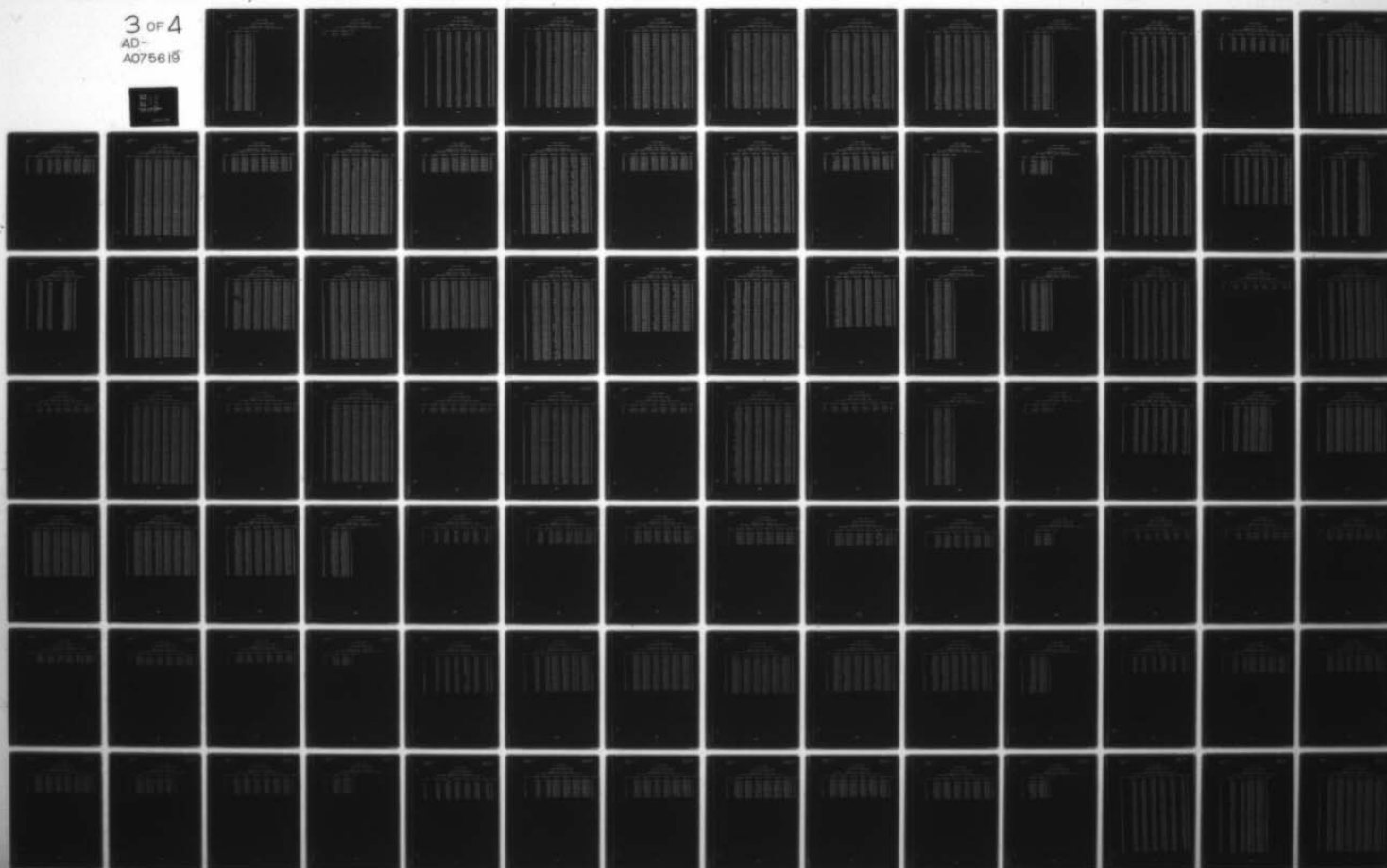
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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TGW 20800 TECG 9.7 AFT FLIGHT DATE 08/30/77

EVENT	49860SDY	69860ALT	EVENT
2	7901.00	11030.00	2
3	8600.00	10050.00	3
4	10140.00	14940.00	4
5	-4523.00	10890.00	5
6	7762.00	8097.00	6
7	13070.00	10890.00	7
8	14140.00	12560.00	8
9	10270.00	6701.00	9
10	-1451.00	16190.00	10
11	-753.50	9912.00	11
12	1899.00	7538.00	12
13	-893.00	9772.00	13
14	5668.00	11870.00	14
15	921.50	11590.00	15
16	7343.00	12420.00	16
17	6366.00	11450.00	17
18	-4523.00	10610.00	18
19	-9269.00	15080.00	19
20	3574.00	9492.00	20
21	6226.00	7957.00	21
22	13760.00	8795.00	22
23	14180.00	10050.00	23
24	4645.00	9772.00	24
25	9717.00	7818.00	25
26	13210.00	11590.00	26
27	8739.00	9353.00	27
28	19210.00	7538.00	28
29	28840.00	6561.00	29
30	34150.00	8236.00	30
31	37500.00	7678.00	31
32	53270.00	6701.00	32
33	49780.00	8236.00	33
34	45170.00	7259.00	34
35	51590.00	9493.00	35
36	50060.00	9353.00	36
37	52570.00	7120.00	37
38	51180.00	6561.00	38
39	50060.00	8236.00	39
40	52710.00	6701.00	40
41	35120.00	10610.00	41
42	4691.00	8934.00	42
43	7902.00	7120.00	43
44	-195.00	9353.00	44
45	5668.00	9632.00	45
46	20740.00	9074.00	46
47	17670.00	8515.00	47
48	33590.00	7957.00	48

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FLIGHT LOADS

CH-46 FGR STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 139
TGW 20800 TCG 9.7 AFT FLIGHT DATE 08/30/77

EVENT 69860SDY 69860ALT EVENT

49 8460.00 8515.00 49

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 140
TUGW 24300 TOCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
1	4.35	2.44	6.80	1.78	14.18	.29	1
2	3.77	3.37	7.96	.40	15.79	1.48	2
3	3.84	3.57	7.83	.27	15.04	1.07	3
4	3.91	2.82	6.80	1.09	13.69	.45	4
5	3.56	2.89	7.69	.68	15.58	1.52	5
6	4.22	3.13	7.55	1.09	14.88	.99	6
7	3.19	5.60	10.23	-2.42	14.26	1.03	7
8	3.77	8.04	11.81	-4.27	13.81	.74	8
9	3.63	7.97	11.81	-4.34	12.86	.95	9
10	1.16	2.20	3.63	-1.04	8.71	.16	10
11	1.54	3.06	4.66	-1.52	9.61	.74	11
12	1.19	3.68	4.94	-2.48	8.99	.21	12
13	4.35	4.02	8.44	-.08	14.14	2.80	13
14	4.05	2.54	7.00	1.09	13.36	.62	14
15	4.22	4.02	8.24	.20	11.67	.82	15
16	4.22	5.12	9.41	-1.04	12.21	1.52	16
17	4.11	4.95	9.27	-.83	11.34	.91	17
18	4.25	5.09	9.34	-1.04	11.34	.91	18
19	4.15	5.19	9.55	-1.18	11.05	.95	19
20	4.08	5.12	9.27	-1.04	10.93	.91	20
21	4.11	4.81	8.93	-.97	10.52	.91	21
22	3.94	5.53	9.48	-1.93	11.63	1.03	22
23	3.81	2.78	6.59	1.02	14.35	.29	23
24	4.05	2.34	6.38	1.64	14.22	.25	24
25	4.05	2.34	6.38	1.23	13.23	.33	25
26	3.53	1.96	5.49	1.57	13.40	.41	26
27	3.91	2.34	6.25	1.36	12.33	.58	27
28	3.98	1.51	5.49	2.47	11.75	.41	28
29	3.91	1.65	5.63	2.26	11.22	.37	29
30	3.94	1.41	5.35	2.47	11.26	.33	30
31	4.11	2.47	7.07	1.43	11.67	.58	31
32	4.15	2.51	6.66	1.57	12.82	.66	32
33	4.63	2.72	7.35	1.36	13.07	.58	33
34	3.77	3.78	7.62	-.01	12.12	.70	34
35	3.91	3.92	7.83	-.01	12.41	1.32	35
36	3.84	4.06	7.90	-.35	11.83	.74	36
37	3.70	3.78	7.48	-.08	10.68	.74	37
38	3.60	4.16	7.76	-.56	11.42	.82	38
39	4.39	7.15	11.54	-2.76	12.25	1.32	39
40	4.35	7.25	11.68	-2.90	13.40	.99	40
41	4.97	6.91	12.02	-2.35	13.89	1.48	41
42	4.46	6.46	10.92	-2.00	12.82	.99	42
43	3.81	2.78	7.28	1.02	13.69	.45	43
44	2.12	3.09	6.52	-.97	9.98	1.11	44
45	1.04	3.13	4.32	-2.14	8.46	.16	45
46	.57	2.99	3.98	-2.42	8.38	.16	46

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 140
TCGW 24300 TCCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
1	12.24	2.60	1536.00	2124.00	14700.00	9199.00	1
2	11.83	3.34	777.50	2579.00	14350.00	11630.00	2
3	11.70	3.64	1384.00	2882.00	14000.00	11280.00	3
4	11.97	2.71	777.50	1972.00	12960.00	7464.00	4
5	13.00	3.74	474.00	2578.00	15390.00	11980.00	5
6	12.16	3.23	1081.00	1972.00	12090.00	8332.00	6
7	13.41	7.08	777.00	2275.00	15050.00	9199.00	7
8	11.34	9.25	474.00	3792.00	6541.00	15970.00	8
9	11.89	7.73	474.00	2882.00	11400.00	11800.00	9
10	6.52	1.93	-284.50	2124.00	5673.00	7811.00	10
11	7.03	2.88	-587.50	2124.00	4631.00	6769.00	11
12	6.79	3.50	-436.00	2275.00	6020.00	7116.00	12
13	10.54	4.23	625.50	3944.00	5000.00	15000.00	13
14	11.26	3.09	170.50	5309.00	11050.00	25690.00	14
15	11.13	3.34	625.50	4854.00	13660.00	21350.00	15
16	9.72	3.56	777.50	5309.00	9144.00	22740.00	16
17	10.10	3.01	474.00	5005.00	5673.00	22040.00	17
18	9.47	3.64	1081.00	5005.00	13480.00	22910.00	18
19	9.12	3.01	19.00	5157.00	8971.00	23610.00	19
20	10.21	3.39	322.50	5157.00	5846.00	22560.00	20
21	9.61	3.18	929.00	4853.00	11570.00	19960.00	21
22	9.24	3.09	1991.00	5915.00	14870.00	25340.00	22
23	11.64	3.26	-132.50	3489.00	14000.00	14060.00	23
24	11.89	2.96	1536.00	3944.00	16090.00	15450.00	24
25	11.78	3.18	929.00	4550.00	13480.00	15270.00	25
26	11.24	3.85	1991.00	4095.00	16430.00	17530.00	26
27	11.26	4.72	1233.00	3337.00	14180.00	13540.00	27
28	10.53	4.15	929.00	3033.00	11750.00	11110.00	28
29	10.42	4.37	1081.00	3185.00	10190.00	11280.00	29
30	10.04	3.99	1081.00	2882.00	11050.00	10760.00	30
31	11.29	3.61	1233.00	4247.00	16950.00	21180.00	31
32	11.84	2.44	170.50	2579.00	11750.00	11110.00	32
33	11.26	2.23	322.50	2427.00	8797.00	12320.00	33
34	11.84	2.50	474.00	4702.00	8797.00	22390.00	34
35	10.69	2.41	1233.00	6674.00	12620.00	31760.00	35
36	10.56	2.71	625.50	6977.00	10710.00	30200.00	36
37	10.15	2.31	19.00	5460.00	8797.00	23780.00	37
38	10.48	2.63	1232.00	7280.00	11400.00	30900.00	38
39	13.76	4.12	1839.00	5763.00	16610.00	29510.00	39
40	12.97	4.64	1536.00	5764.00	11050.00	23950.00	40
41	12.97	3.66	929.00	5157.00	12790.00	23260.00	41
42	13.74	3.74	1688.00	4702.00	17650.00	20830.00	42
43	12.65	2.63	2294.00	3488.00	14520.00	12150.00	43
44	7.74	3.01	929.00	2730.00	11400.00	9373.00	44
45	5.78	3.15	-284.50	2124.00	4978.00	6422.00	45
46	5.40	3.96	-284.50	2427.00	3243.00	7811.00	46

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CH-44 FGB STRESS SURVEY

AIRCRAFT GLP1 FLIGHT 140
TSGW 24300 TSCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
1	4050.00	3319.00	1587.00	3174.00	-3587.00	3280.00	1
2	2331.00	4023.00	2763.00	3409.00	-3209.00	4079.00	2
3	2956.00	3632.00	1313.00	3840.00	-3755.00	5299.00	3
4	3503.00	2304.00	2567.00	2116.00	-3629.00	2818.00	4
5	4089.00	3905.00	1822.00	3096.00	-5354.00	4121.00	5
6	3542.00	3124.00	2254.00	2979.00	-3124.00	3743.00	6
7	4010.00	3515.00	2371.00	2861.00	-4555.00	6771.00	7
8	2331.00	5897.00	2175.00	3292.00	-1065.00	5299.00	8
9	3932.00	4062.00	1901.00	3723.00	-3167.00	4541.00	9
10	1277.00	2265.00	1156.00	1881.00	-12.72	2313.00	10
11	1667.00	2265.00	446.70	2391.00	-1695.00	2818.00	11
12	1628.00	2382.00	960.20	1999.00	-643.50	2775.00	12
13	4011.00	5311.00	568.00	5291.00	-3882.00	7443.00	13
14	4597.00	8241.00	2018.00	5565.00	-3461.00	7527.00	14
15	5260.00	6952.00	4017.00	5526.00	-3209.00	7443.00	15
16	3386.00	7655.00	411.00	6310.00	-2368.00	8536.00	16
17	2800.00	8007.00	528.50	6585.00	-1569.00	8578.00	17
18	3307.00	7889.00	-412.00	6114.00	-2074.00	8158.00	18
19	3112.00	7538.00	-216.00	7564.00	-2536.00	8452.00	19
20	3346.00	7772.00	215.00	7133.00	-2663.00	8831.00	20
21	2800.00	7069.00	-98.50	6506.00	-2873.00	7443.00	21
22	4909.00	10120.00	1509.00	6859.00	-2158.00	11020.00	22
23	3893.00	4335.00	2959.00	3762.00	-2494.00	5803.00	23
24	3425.00	4725.00	2998.00	4115.00	-2662.00	5131.00	24
25	3503.00	4831.00	3312.00	4037.00	-3293.00	6770.00	25
26	5456.00	5506.00	3312.00	4820.00	-2704.00	8368.00	26
27	5573.00	4921.00	1195.00	3645.00	-3461.00	7443.00	27
28	2722.00	4960.00	646.60	3801.00	-3671.00	6392.00	28
29	1746.00	4608.00	999.00	4389.00	-3545.00	6434.00	29
30	1824.00	4686.00	725.00	4115.00	-3671.00	6308.00	30
31	4011.00	7342.00	2175.00	6114.00	-1443.00	11900.00	31
32	3151.00	4452.00	2959.00	3135.00	-2494.00	4626.00	32
33	2482.00	4999.00	3155.00	3644.00	-3167.00	3785.00	33
34	2175.00	9334.00	2214.00	4664.00	-3209.00	8789.00	34
35	1550.00	10660.00	1783.00	5643.00	-2536.00	9966.00	35
36	1355.00	10080.00	1156.00	5409.00	-2704.00	9966.00	36
37	-364.00	8470.00	842.40	4860.00	-3335.00	8074.00	37
38	261.00	10080.00	1391.00	6741.00	-2158.00	10600.00	38
39	3894.00	10270.00	4330.00	7564.00	-2032.00	9209.00	39
40	5573.00	7576.00	1704.00	6349.00	-2242.00	11440.00	40
41	3112.00	7694.00	2998.00	6702.00	-2368.00	9041.00	41
42	3815.00	7381.00	1469.00	5879.00	-3419.00	9167.00	42
43	4128.00	4100.00	1548.00	3684.00	-3839.00	4542.00	43
44	2565.00	2695.00	450.70	2587.00	-2284.00	3238.00	44
45	1472.00	2382.00	960.20	1607.00	-517.30	1892.00	45
46	456.80	2304.00	842.70	2116.00	-475.30	2859.00	46

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 140
TSGW 24300 TSCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
1	-5041.00	2829.00	-986.50	7670.00	37270.00	10170.00	1
2	-4696.00	3489.00	1053.00	7767.00	38150.00	10170.00	2
3	-3941.00	3866.00	955.00	8446.00	38740.00	9285.00	3
4	-4821.00	2672.00	-16.00	7087.00	39330.00	6337.00	4
5	-6141.00	3677.00	-1375.00	10000.00	38740.00	10170.00	5
6	-5261.00	3237.00	-1472.00	7573.00	39780.00	8253.00	6
7	-5669.00	5280.00	664.00	9708.00	39630.00	9874.00	7
8	-4978.00	3520.00	178.50	11360.00	38010.00	11790.00	8
9	-5890.00	4745.00	2023.00	14170.00	40360.00	15620.00	9
10	-452.80	2451.00	2121.00	3010.00	40810.00	4569.00	10
11	-767.00	2388.00	2315.00	4175.00	41990.00	4864.00	11
12	-1867.00	2672.00	1441.00	4855.00	41400.00	5453.00	12
13	-3125.00	7574.00	2897.00	10190.00	39330.00	13120.00	13
14	-4790.00	6599.00	2406.00	12620.00	43020.00	14740.00	14
15	-5544.00	7479.00	4936.00	12230.00	41100.00	12820.00	15
16	-3533.00	8108.00	2703.00	13690.00	39480.00	12380.00	16
17	-3062.00	8831.00	1732.00	13690.00	38010.00	12970.00	17
18	-2748.00	8140.00	2024.00	13400.00	39480.00	12080.00	18
19	-3502.00	8140.00	3382.00	14170.00	39040.00	13710.00	19
20	-2339.00	8548.00	3286.00	14660.00	38600.00	13850.00	20
21	-2496.00	7636.00	2703.00	13300.00	38740.00	12230.00	21
22	-3030.00	6537.00	1926.00	18540.00	38740.00	20190.00	22
23	-4821.00	4934.00	-209.50	7476.00	41400.00	8990.00	23
24	-5356.00	5406.00	-986.50	7476.00	40070.00	9432.00	24
25	-4633.00	5625.00	-404.00	8446.00	37560.00	11050.00	25
26	-5261.00	5626.00	470.00	10490.00	42280.00	11640.00	26
27	-4224.00	6977.00	1441.00	9514.00	42870.00	11940.00	27
28	-4067.00	6505.00	2120.00	7281.00	40660.00	9137.00	28
29	-4433.00	6568.00	1435.00	7767.00	39330.00	8990.00	29
30	-4570.00	6065.00	1053.00	7379.00	38600.00	7958.00	30
31	-2402.00	10940.00	3091.00	12720.00	39480.00	13560.00	31
32	-4853.00	3268.00	1247.00	8350.00	42720.00	10020.00	32
33	-4538.00	3646.00	2994.00	9514.00	42430.00	10320.00	33
34	-4664.00	7291.00	3188.00	11460.00	41840.00	14440.00	34
35	-3251.00	8454.00	3383.00	10870.00	43160.00	12820.00	35
36	-2905.00	7857.00	3383.00	11070.00	42720.00	12380.00	36
37	-3595.00	6537.00	3771.00	11070.00	42720.00	13560.00	37
38	-3879.00	9019.00	3188.00	15530.00	40510.00	19900.00	38
39	-2779.00	9679.00	2120.00	17380.00	42430.00	18570.00	39
40	-5293.00	11190.00	1732.00	18540.00	39190.00	21520.00	40
41	-5041.00	3234.00	-501.00	13980.00	38300.00	17680.00	41
42	-3439.00	7637.00	4936.00	19610.00	42580.00	21660.00	42
43	-4267.00	4180.00	761.00	9417.00	40220.00	12230.00	43
44	-5387.00	3677.00	3771.00	8544.00	42430.00	10320.00	44
45	-201.40	1948.00	2314.00	3398.00	41690.00	4274.00	45
46	207.10	2797.00	3188.00	3301.00	41690.00	3979.00	46

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 140
TCGW 24300 TCCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
1	33860.00	9870.00	232.30	1112.00	-153.30	755.10	1
2	32550.00	11190.00	142.20	1322.00	-90.41	776.10	2
3	32710.00	9706.00	52.03	1232.00	-111.40	880.90	3
4	33370.00	6745.00	472.70	871.40	-90.41	608.30	4
5	35180.00	8554.00	142.20	1202.00	-300.20	901.90	5
6	34350.00	9706.00	262.40	1142.00	-195.30	713.20	6
7	33040.00	10360.00	-38.09	1562.00	-447.00	1426.00	7
8	33860.00	12170.00	472.70	1472.00	266.20	880.90	8
9	35840.00	13160.00	562.80	1082.00	-132.30	776.10	9
10	34820.00	5593.00	953.50	570.90	434.00	377.50	10
11	37150.00	5264.00	863.30	661.10	454.90	524.40	11
12	34000.00	7074.00	803.20	781.20	454.90	524.40	12
13	33530.00	17770.00	-579.00	2644.00	-426.00	1573.00	13
14	38630.00	14640.00	532.80	1953.00	77.41	1321.00	14
15	34160.00	12170.00	683.00	1623.00	-48.47	1238.00	15
16	34350.00	13650.00	502.70	1803.00	161.30	1489.00	16
17	33530.00	14150.00	592.90	1773.00	-6.50	1573.00	17
18	33860.00	13490.00	653.00	1833.00	-48.47	1489.00	18
19	33370.00	13980.00	562.80	1803.00	-111.40	1468.00	19
20	32870.00	13820.00	713.10	1713.00	182.30	1510.00	20
21	33040.00	13650.00	893.30	1653.00	14.47	1342.00	21
22	32710.00	16610.00	953.40	2133.00	455.00	1489.00	22
23	37810.00	9541.00	773.20	1112.00	-27.50	839.00	23
24	35670.00	11350.00	352.50	1172.00	-216.30	943.90	24
25	32710.00	13980.00	322.40	1142.00	-48.44	985.80	25
26	35180.00	11520.00	502.80	1382.00	-48.44	1154.00	26
27	34160.00	14480.00	502.70	1442.00	-6.50	1154.00	27
28	34520.00	10200.00	622.90	1502.00	-6.50	1154.00	28
29	33530.00	10530.00	653.00	1472.00	-6.50	1238.00	29
30	33370.00	8390.00	502.70	1442.00	56.41	1175.00	30
31	33370.00	13000.00	232.30	2193.00	-27.50	1468.00	31
32	35180.00	12500.00	442.70	1022.00	140.30	713.20	32
33	34000.00	13320.00	803.20	1142.00	161.30	860.00	33
34	37810.00	17440.00	683.00	1562.00	35.44	1321.00	34
35	35510.00	18100.00	653.00	1893.00	14.47	1552.00	35
36	37480.00	17770.00	653.00	2013.00	98.34	1552.00	36
37	34850.00	16120.00	472.70	1893.00	77.41	1238.00	37
38	32540.00	21390.00	562.80	2404.00	-111.40	1636.00	38
39	34510.00	20730.00	-128.30	3215.00	-929.40	2957.00	39
40	35010.00	22870.00	-398.70	3606.00	-1118.00	3147.00	40
41	34030.00	19580.00	-879.70	3245.00	-1286.00	2601.00	41
42	33700.00	20230.00	142.20	2103.00	-614.80	2098.00	42
43	34850.00	11190.00	713.10	1112.00	-90.41	692.20	43
44	34160.00	11190.00	683.00	901.40	-90.41	566.30	44
45	34990.00	4113.00	1104.00	661.10	496.90	440.50	45
46	36490.00	4606.00	1284.00	781.20	454.90	482.40	46

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 140
TCGW 24300 TBCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
1	101.30	363.30	773.00	261.20	1050.00	202.10	1
2	195.50	538.20	849.80	276.60	1027.00	272.10	2
3	128.20	551.70	895.90	261.20	1081.00	342.00	3
4	87.84	376.70	834.40	215.10	1042.00	178.80	4
5	-356.20	820.80	742.30	261.20	1159.00	264.30	5
6	47.47	417.10	842.10	238.10	1027.00	241.00	6
7	-611.80	1426.00	811.40	253.50	1120.00	427.50	7
8	-87.04	740.00	988.10	414.80	925.50	326.50	8
9	128.20	551.70	819.10	291.90	1019.00	279.80	9
10	356.90	269.10	1050.00	215.10	863.30	139.90	10
11	343.50	390.20	1050.00	184.30	948.80	178.80	11
12	182.00	417.10	1042.00	192.00	886.60	178.80	12
13	262.80	928.40	1219.00	706.70	1081.00	482.00	13
14	114.80	1076.00	895.90	645.30	1058.00	474.20	14
15	74.41	1144.00	957.30	568.50	1058.00	474.20	15
16	330.00	941.80	980.40	591.50	987.70	544.20	16
17	195.50	968.80	972.70	568.50	933.30	551.90	17
18	276.20	914.90	819.10	583.80	972.10	513.10	18
19	141.70	968.80	957.30	599.20	1011.00	567.50	19
20	303.10	1023.00	918.90	606.90	987.70	559.70	20
21	262.80	901.50	865.20	522.30	995.50	489.70	21
22	155.10	928.40	696.20	706.70	956.60	699.70	22
23	-140.90	686.20	811.40	315.00	995.50	365.30	23
24	74.41	793.80	773.00	322.60	995.50	334.30	24
25	74.41	659.30	811.40	361.00	1065.00	419.80	25
26	182.00	713.10	726.90	414.80	1011.00	520.80	26
27	34.03	753.50	749.90	391.80	1097.00	466.40	27
28	155.10	713.10	918.90	361.10	1097.00	373.10	28
29	101.30	766.90	918.90	330.30	1058.00	396.50	29
30	195.50	672.80	980.40	299.60	1058.00	380.90	30
31	114.80	914.90	765.30	576.10	941.00	730.70	31
32	20.56	632.40	903.60	330.30	1011.00	287.60	32
33	222.40	645.80	926.60	353.40	1058.00	241.00	33
34	343.50	928.40	980.40	683.70	1019.00	544.20	34
35	330.00	1049.00	972.70	845.00	1003.00	606.30	35
36	249.30	1050.00	995.80	821.90	1019.00	606.30	36
37	289.70	982.20	1080.00	676.00	1050.00	497.50	37
38	330.00	1211.00	1003.00	845.00	987.70	637.40	38
39	-1163.00	2839.00	780.70	822.00	948.80	551.90	39
40	-706.00	2974.00	949.70	545.40	987.70	715.20	40
41	-961.70	2530.00	880.50	614.50	972.10	528.60	41
42	-854.00	2072.00	680.80	537.70	1027.00	567.50	42
43	101.30	524.80	811.40	299.60	1065.00	295.40	43
44	141.70	457.50	965.00	222.80	1019.00	202.10	44
45	383.80	296.00	1050.00	169.00	878.90	124.40	45
46	276.20	349.80	1096.00	184.40	855.50	178.80	46

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 140
TCGW 24300 TCCR 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49860SDY	69860ALT	EVENT
1	-720.00	4169.00	1
2	-1692.00	4864.00	2
3	948.00	5559.00	3
4	392.00	4169.00	4
5	-9475.00	6810.00	5
6	-6000.00	8616.00	6
7	-163.50	7505.00	7
8	531.00	5698.00	8
9	3867.00	7922.00	9
10	24250.00	2224.00	10
11	23470.00	2780.00	11
12	22910.00	3335.00	12
13	13460.00	8894.00	13
14	2894.00	7783.00	14
15	14010.00	9728.00	15
16	18460.00	8894.00	16
17	17210.00	9033.00	17
18	18740.00	9172.00	18
19	19010.00	9728.00	19
20	17620.00	8894.00	20
21	21240.00	8339.00	21
22	14290.00	9450.00	22
23	1226.00	5003.00	23
24	-580.50	5698.00	24
25	-1832.00	5281.00	25
26	6229.00	6115.00	26
27	11630.00	7644.00	27
28	14570.00	6115.00	28
29	17350.00	6115.00	29
30	19150.00	5142.00	30
31	17070.00	8894.00	31
32	4562.00	6115.00	32
33	5257.00	6532.00	33
34	8174.00	8616.00	34
35	14150.00	9589.00	35
36	15820.00	9033.00	36
37	23040.00	9311.00	37
38	20820.00	12090.00	38
39	-4974.00	10700.00	39
40	1921.00	10700.00	40
41	18320.00	9589.00	41
42	1087.00	10150.00	42
43	-7529.00	5698.00	43
44	20130.00	8894.00	44
45	24660.00	2362.00	45
46	24580.00	2224.00	46

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141
TORGW 24300 TBCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.46	6.05	10.51	-1.59	15.50	.78	2
3	5.01	6.32	11.40	-1.66	11.42	1.98	3
4	4.77	6.84	11.61	-2.14	15.46	.91	4
5	4.56	6.98	11.54	-2.48	15.29	.90	5
6	4.42	6.29	10.71	-1.86	15.41	.78	6
7	4.39	6.12	10.51	-1.73	15.33	.78	7
8	4.60	7.35	11.95	-2.76	14.80	.91	8
9	4.05	2.96	7.00	1.09	14.68	.54	9
10	4.11	2.75	6.86	1.36	14.63	.58	10
11	4.56	5.12	9.68	-.56	14.47	.91	11
12	4.39	3.85	8.24	.54	13.81	.74	12
13	4.29	3.61	7.90	.68	14.18	.70	13
14	4.01	3.68	7.69	.27	11.51	.66	14
15	3.91	3.16	7.07	.75	10.02	.58	15
16	3.19	2.58	5.83	.61	8.62	.41	16
17	4.60	4.54	9.13	.06	11.51	.99	17
18	4.01	2.92	7.07	1.09	13.56	.58	18
19	4.29	3.54	7.83	.75	13.61	.62	19
20	4.80	4.81	9.61	-.42	14.39	1.56	20
21	4.80	6.53	11.33	-1.93	14.63	1.15	21
22	4.66	7.15	11.81	-2.48	15.05	1.40	22
23	4.01	3.06	7.07	.95	13.98	.58	23
24	4.18	3.02	7.21	1.02	14.55	.58	24
25	4.05	3.09	7.14	.95	15.17	.62	25
26	4.66	6.32	10.99	-1.73	14.47	1.07	26
27	4.63	6.63	11.26	-2.00	14.26	1.11	27
28	4.42	4.09	8.65	.33	12.86	1.28	28
29	4.15	4.50	8.65	-.35	13.44	.78	29
30	4.73	6.26	10.99	-1.66	12.99	1.56	30
31	5.11	4.43	9.55	.33	13.61	.95	31
32	4.08	3.27	7.35	.82	13.32	.58	32
33	4.84	7.66	12.50	-2.83	13.85	1.28	33
34	4.29	3.13	7.41	1.02	13.89	.66	34
35	4.73	6.87	11.61	-2.14	16.20	1.23	35
36	4.15	4.91	9.06	-.77	15.54	.91	36
37	4.60	4.06	8.65	.54	14.35	.70	37
38	3.94	3.47	8.03	.47	16.28	1.23	38
39	2.67	2.68	5.42	-.01	7.51	.29	39
40	3.08	3.57	6.73	-.56	7.51	.45	40
41	2.81	3.51	6.86	-.70	7.80	.49	41
42	2.67	3.23	6.80	-.70	7.68	.54	42
43	3.29	3.78	7.69	-.49	8.21	.74	43
44	4.53	4.40	8.93	-.35	11.38	1.44	44
45	2.84	2.85	5.76	-.01	7.27	.37	45
46	2.74	3.51	6.38	-.77	7.43	.45	46
47	3.05	5.05	8.10	-2.14	7.76	.54	47
48	3.05	3.81	8.31	-.77	7.68	.70	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141
TSGW 28300 TBCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
49	4.53	3.16	7.69	.61	7.60	.70	49
50	4.49	7.80	12.29	-3.31	12.70	1.03	50
51	4.18	7.56	11.81	-3.38	13.44	1.03	51
52	5.01	9.42	14.43	-4.68	15.00	1.77	52
53	4.42	6.91	11.61	-2.48	14.02	1.00	53
54	4.08	6.50	10.58	-2.42	13.93	1.03	54
55	5.15	8.73	14.08	-3.86	15.17	1.60	55
56	4.53	8.25	12.98	-4.00	15.54	1.40	56
57	4.49	7.11	11.61	-2.69	12.78	1.44	57

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141
TOGW 24300 TOCR 4.4 FWD FLIGHT DATE 08/31/77

EVENT	29030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
2	13.41	3.01	1536.00	1517.00	15570.00	6596.00	2
3	12.97	4.42	626.00	4550.00	15050.00	19610.00	3
4	13.81	2.82	1688.00	1669.00	16780.00	6769.00	4
5	13.87	2.71	1536.00	1517.00	16090.00	5728.00	5
6	13.81	2.93	1384.00	1668.00	15910.00	5554.00	6
7	14.04	2.79	1081.00	1365.00	16430.00	5381.00	7
8	13.89	2.85	929.00	1517.00	17130.00	6422.00	8
9	14.57	3.69	1233.00	3944.00	15910.00	13190.00	9
10	14.63	3.53	1081.00	3792.00	17130.00	13370.00	10
11	14.82	4.15	1233.00	5764.00	15740.00	25510.00	11
12	13.95	3.82	322.50	5157.00	18860.00	20310.00	12
13	13.54	3.80	474.00	4095.00	18170.00	20310.00	13
14	11.97	3.58	625.50	4854.00	15220.00	16320.00	14
15	10.67	3.69	1081.00	3792.00	13480.00	11460.00	15
16	8.58	3.83	-133.00	3185.00	12620.00	12670.00	16
17	13.57	3.99	929.00	5763.00	17130.00	22740.00	17
18	13.79	3.83	322.50	3944.00	13140.00	12840.00	18
19	14.27	4.15	-587.50	3337.00	15390.00	13360.00	19
20	14.55	4.04	-132.50	3489.00	18340.00	15270.00	20
21	15.03	4.42	-436.00	6218.00	15570.00	26380.00	21
22	14.98	4.69	170.50	7129.00	15220.00	31240.00	22
23	14.14	4.02	19.00	3337.00	15570.00	12150.00	23
24	14.44	3.99	626.00	3640.00	14700.00	13370.00	24
25	14.68	4.12	474.00	5005.00	15570.00	17700.00	25
26	14.11	4.86	-436.00	8038.00	14180.00	35750.00	26
27	13.81	4.78	-132.50	8342.00	12960.00	36620.00	27
28	14.03	5.05	1081.00	4399.00	12960.00	16840.00	28
29	14.33	4.31	1081.00	4702.00	12620.00	16140.00	29
30	11.97	7.11	-436.00	6825.00	14000.00	18570.00	30
31	13.92	4.56	170.50	5612.00	14000.00	18920.00	31
32	13.68	3.61	-284.50	3337.00	19040.00	14230.00	32
33	12.97	5.45	19.00	9403.00	14870.00	42700.00	33
34	13.79	3.94	-284.50	3337.00	15570.00	14230.00	34
35	15.28	5.54	170.50	9252.00	15740.00	40090.00	35
36	14.84	4.45	1839.00	4550.00	14870.00	17360.00	36
37	14.71	4.20	-891.00	4550.00	14520.00	15970.00	37
38	15.25	4.69	-587.50	3944.00	11750.00	16660.00	38
39	5.43	3.88	-284.00	3640.00	8971.00	13540.00	39
40	6.98	5.05	-588.00	4550.00	9665.00	16660.00	40
41	7.76	4.37	-436.00	5915.00	12270.00	21700.00	41
42	7.98	4.37	-284.50	6067.00	12440.00	23260.00	42
43	7.93	4.42	19.00	6370.00	13480.00	24650.00	43
44	7.49	4.15	-891.00	5763.00	8971.00	24650.00	44
45	6.35	4.10	-436.00	4702.00	9839.00	15450.00	45
46	6.16	4.61	-587.50	5764.00	9665.00	18750.00	46
47	7.09	5.10	-436.00	5005.00	9665.00	18750.00	47
48	7.14	4.56	-587.50	6977.00	9491.00	30030.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141
TCGW 24300 TCCR 4.4 FWD FLIGHT DATE 08/31/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
49	10.18	4.34	-587.50	5764.00	9492.00	18220.00	49
50	12.86	2.25	474.00	1972.00	14870.00	8679.00	50
51	13.41	1.00	626.00	1820.00	14530.00	7637.00	51
52	13.71	2.93	-12110.00	15770.00	17300.00	25690.00	52
53	12.78	1.95	474.00	2882.00	18170.00	13020.00	53
54	14.36	3.31	-133.00	4095.00	11750.00	15270.00	54
55	13.98	3.53	322.50	6067.00	17130.00	30030.00	55
56	15.12	3.91	474.00	5612.00	17480.00	28290.00	56
57	12.02	4.40	2446.00	6370.00	24420.00	28640.00	57

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141
TCGW 24300 TCCR 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
2	5338.00	2656.00	3425.00	2939.00	-5522.00	3953.00	2
3	3464.00	7420.00	1901.00	7016.00	-2915.00	10680.00	3
4	5846.00	2617.00	3464.00	2979.00	-5732.00	4499.00	4
5	5729.00	2421.00	3703.00	2861.00	-5732.00	4079.00	5
6	5378.00	2460.00	3468.00	2469.00	-5479.00	3659.00	6
7	5182.00	2421.00	3311.00	2626.00	-5690.00	3364.00	7
8	5221.00	2382.00	3351.00	3057.00	-5101.00	4962.00	8
9	4792.00	4061.00	2841.00	3723.00	-5648.00	4920.00	9
10	4831.00	4335.00	2445.00	3684.00	-5690.00	5214.00	10
11	3424.00	9256.00	2293.00	5369.00	-4723.00	12490.00	11
12	4089.00	7420.00	1901.00	4977.00	-4093.00	10340.00	12
13	3424.00	7147.00	1587.00	4820.00	-4639.00	10220.00	13
14	3073.00	5624.00	2802.00	5487.00	-3924.00	9335.00	14
15	3269.00	5194.00	2489.00	4781.00	-3630.00	8116.00	15
16	3229.00	5155.00	1861.00	4860.00	-4008.00	4541.00	16
17	4010.00	7811.00	2254.00	6035.00	-3209.00	14420.00	17
18	3737.00	3866.00	1861.00	4468.00	-5900.00	7359.00	18
19	4245.00	4061.00	2488.00	4703.00	-5774.00	7485.00	19
20	4518.00	5272.00	2410.00	4311.00	-5227.00	7275.00	20
21	4167.00	9999.00	2410.00	5016.00	-4933.00	12280.00	21
22	4245.00	11400.00	2057.00	6467.00	-4933.00	13620.00	22
23	4753.00	3710.00	3390.00	4036.00	-4134.00	8368.00	23
24	4323.00	4218.00	3272.00	4311.00	-3462.00	9630.00	24
25	4440.00	4257.00	3390.00	5526.00	-3293.00	10560.00	25
26	4401.00	12970.00	2371.00	6388.00	-4765.00	17160.00	26
27	4557.00	12650.00	2723.00	7368.00	-3966.00	16950.00	27
28	3698.00	5858.00	2096.00	5330.00	-6152.00	10220.00	28
29	3659.00	4804.00	2449.00	4742.00	-5900.00	7611.00	29
30	4518.00	6210.00	1156.00	6820.00	-6195.00	7485.00	30
31	5495.00	5389.00	3116.00	6427.00	-4386.00	7864.00	31
32	4635.00	5233.00	2136.00	4507.00	-4807.00	6938.00	32
33	5417.00	15470.00	2449.00	7172.00	-5228.00	18210.00	33
34	4401.00	4452.00	2449.00	4507.00	-5858.00	7569.00	34
35	5885.00	14140.00	2332.00	6035.00	-5564.00	18540.00	35
36	5182.00	6483.00	3704.00	5212.00	-4471.00	10050.00	36
37	4206.00	5116.00	2920.00	4977.00	-4008.00	9083.00	37
38	4909.00	6131.00	4056.00	4154.00	-5564.00	11560.00	38
39	2565.00	5663.00	1195.00	3410.00	-3797.00	3743.00	39
40	2058.00	5936.00	1156.00	4076.00	-5101.00	4458.00	40
41	3854.00	7108.00	1626.00	5017.00	-6026.00	6644.00	41
42	4010.00	7811.00	1665.00	5291.00	-6152.00	7359.00	42
43	4518.00	8787.00	1469.00	4938.00	-7288.00	8074.00	43
44	3386.00	7577.00	2096.00	6114.00	-5480.00	12150.00	44
45	2800.00	5663.00	1431.00	5212.00	-5143.00	4920.00	45
46	3112.00	6835.00	1979.00	5918.00	-5269.00	5972.00	46
47	3385.00	6405.00	2175.00	5095.00	-3797.00	5593.00	47
48	3308.00	9452.00	489.50	6702.00	-6909.00	9125.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141

TCGW 24300 TCCR 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
49	3659.00	7850.00	1744.00	5604.00	-4134.00	6686.00	49
50	4440.00	3007.00	3194.00	4232.00	-4291.00	5593.00	50
51	5299.00	3632.00	3155.00	4193.00	-5311.00	4500.00	51
52	4128.00	10040.00	1195.00	6153.00	-4681.00	12190.00	52
53	5104.00	5233.00	2606.00	4977.00	-5522.00	5887.00	53
54	4752.00	6444.00	3429.00	6349.00	-6236.00	7107.00	54
55	3698.00	12110.00	1822.00	7564.00	-6026.00	13370.00	55
56	2917.00	11480.00	1940.00	6271.00	-5774.00	11770.00	56
57	11550.00	13470.00	5702.00	8309.00	-896.00	11690.00	57

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141
TCGW 24300 TCCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-6172.00	2703.00	-210.00	9223.00	39040.00	10760.00	2
3	-3219.00	8988.00	5130.00	15150.00	42580.00	20480.00	3
4	-6832.00	3237.00	470.00	10680.00	39920.00	12820.00	4
5	-4769.00	2923.00	-112.50	9903.00	39780.00	11790.00	5
6	-6518.00	2546.00	-15.50	9223.00	42280.00	10760.00	6
7	-4487.00	2263.00	178.50	8835.00	43460.00	9874.00	7
8	-5858.00	3772.00	81.50	10100.00	44340.00	11940.00	8
9	-4487.00	4337.00	858.00	12040.00	44050.00	12820.00	9
10	-6707.00	4243.00	1344.00	11750.00	45080.00	13560.00	10
11	-3879.00	10400.00	3965.00	19220.00	49200.00	22690.00	11
12	-4885.00	10530.00	3868.00	16410.00	48610.00	18860.00	12
13	-4570.00	10090.00	4353.00	16310.00	48910.00	18270.00	13
14	-4381.00	7511.00	4353.00	14170.00	51120.00	16650.00	14
15	-5576.00	5688.00	4547.00	14170.00	49800.00	15620.00	15
16	-4193.00	4934.00	4839.00	13110.00	51710.00	15470.00	16
17	-5764.00	9648.00	5324.00	19610.00	48460.00	19890.00	17
18	-4978.00	6663.00	2315.00	10970.00	46850.00	12080.00	18
19	-5261.00	6128.00	2315.00	12520.00	46550.00	14150.00	19
20	-6204.00	6819.00	1635.00	14370.00	46260.00	15920.00	20
21	-4738.00	9805.00	1926.00	23790.00	48760.00	24900.00	21
22	-6110.00	11120.00	1344.00	26500.00	52890.00	27260.00	22
23	-3156.00	8108.00	664.00	12230.00	45670.00	14740.00	23
24	-3282.00	9051.00	1150.00	12140.00	44200.00	14150.00	24
25	-3470.00	11310.00	1053.00	12040.00	43610.00	14740.00	25
26	-4633.00	12920.00	2217.00	26990.00	51260.00	28290.00	26
27	-5607.00	12190.00	3577.00	27770.00	52590.00	28730.00	27
28	-3879.00	9019.00	1635.00	15920.00	47440.00	19750.00	28
29	-5167.00	6662.00	2315.00	13880.00	46700.00	15770.00	29
30	-5167.00	9302.00	1829.00	17090.00	46700.00	19300.00	30
31	-2496.00	9271.00	2120.00	16410.00	46990.00	19010.00	31
32	-5481.00	6600.00	4159.00	11840.00	46700.00	14590.00	32
33	-4602.00	13450.00	6101.00	31650.00	57010.00	32860.00	33
34	-4141.00	5751.00	2412.00	12040.00	48470.00	14300.00	34
35	-5827.00	13420.00	2703.00	32330.00	49350.00	35220.00	35
36	-2747.00	9459.00	2121.00	17960.00	47290.00	20190.00	36
37	-3753.00	8893.00	1441.00	15340.00	45380.00	16800.00	37
38	-4696.00	10090.00	955.00	15050.00	44930.00	16950.00	38
39	-3690.00	3865.00	5809.00	10390.00	54210.00	13850.00	39
40	-5261.00	4620.00	4547.00	11650.00	55400.00	15920.00	40
41	-5952.00	5940.00	6878.00	17090.00	54510.00	21810.00	41
42	-4350.00	5908.00	4198.00	18930.00	56130.00	22540.00	42
43	-7650.00	6945.00	8916.00	18740.00	57460.00	22990.00	43
44	-4267.00	11090.00	5810.00	21260.00	49350.00	22840.00	44
45	-3941.00	4494.00	5616.00	12330.00	54510.00	14740.00	45
46	-4947.00	6568.00	6683.00	16500.00	51850.00	20630.00	46
47	-2621.00	5751.00	6295.00	14950.00	53330.00	18860.00	47
48	-4576.00	8265.00	4974.00	23400.00	52880.00	28140.00	48

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141
TGW 24300 TCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
49	-4318.00	6443.00	7266.00	18250.00	50090.00	21510.00	49
50	-5607.00	3897.00	3965.00	11650.00	46550.00	12380.00	50
51	-7115.00	3646.00	3479.00	11750.00	45970.00	12670.00	51
52	-7524.00	9396.00	3189.00	26210.00	49640.00	30500.00	52
53	-7649.00	4557.00	2994.00	13980.00	43170.00	15470.00	53
54	-8121.00	6285.00	2994.00	14950.00	42870.00	16650.00	54
55	-8592.00	10900.00	1635.00	25240.00	46700.00	30500.00	55
56	-4110.00	9239.00	2994.00	25820.00	41980.00	30500.00	56
57	-3722.00	11000.00	761.00	21840.00	41540.00	24460.00	57

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLPI FLIGHT 141
TCGW 24300 TBCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	32550.00	9541.00	-98.22	1082.00	-279.20	922.90	2
3	32540.00	21060.00	-1511.00	3636.00	-1013.00	2999.00	3
4	32710.00	11350.00	52.03	1292.00	-321.20	1133.00	4
5	33200.00	10530.00	52.03	1352.00	-279.20	1133.00	5
6	35180.00	9212.00	232.30	1052.00	-111.40	880.90	6
7	36820.00	8554.00	322.50	961.50	-111.40	797.10	7
8	37320.00	10690.00	592.90	1412.00	-195.30	1175.00	8
9	37150.00	12170.00	803.20	1562.00	35.47	1279.00	9
10	38630.00	11680.00	803.20	1623.00	35.47	1238.00	10
11	39450.00	18750.00	81.50	5349.00	-1538.00	4866.00	11
12	40930.00	15300.00	472.50	3636.00	-971.30	2706.00	12
13	40770.00	14480.00	622.70	3485.00	-950.40	2601.00	13
14	43240.00	15300.00	953.20	3876.00	-887.70	3335.00	14
15	40280.00	16940.00	1584.00	2824.00	-27.50	2517.00	15
16	41920.00	13980.00	1464.00	2103.00	-6.50	1615.00	16
17	40770.00	17770.00	-309.00	6160.00	-1936.00	4678.00	17
18	40770.00	11520.00	1284.00	1502.00	-279.20	1342.00	18
19	39290.00	12010.00	1434.00	1713.00	-195.30	1678.00	19
20	37970.00	12010.00	1494.00	2133.00	-153.30	1720.00	20
21	38800.00	21390.00	-99.00	6971.00	-1937.00	5685.00	21
22	43730.00	25990.00	-970.00	7602.00	-2251.00	5999.00	22
23	39780.00	14150.00	1374.00	2013.00	-468.00	1447.00	23
24	39620.00	14640.00	1224.00	1863.00	-509.90	1615.00	24
25	39290.00	16290.00	412.60	2734.00	-845.50	2119.00	25
26	41260.00	28450.00	-99.00	8894.00	-2670.00	6377.00	26
27	42250.00	26150.00	773.00	7061.00	-1350.00	5559.00	27
28	40440.00	18100.00	1885.00	2463.00	-321.10	1930.00	28
29	39450.00	13490.00	1735.00	1953.00	-384.10	1699.00	29
30	40770.00	17440.00	1885.00	2463.00	14.47	1888.00	30
31	40110.00	14810.00	1374.00	2314.00	-300.20	1951.00	31
32	40440.00	11520.00	1885.00	1743.00	-132.30	1405.00	32
33	43890.00	25690.00	-459.00	8774.00	-2168.00	7426.00	33
34	40610.00	12670.00	1945.00	1562.00	-69.44	1594.00	34
35	39290.00	33060.00	923.00	7091.00	-2104.00	5769.00	35
36	42910.00	19250.00	1584.00	2945.00	-677.70	2748.00	36
37	41260.00	17270.00	1415.00	2013.00	-384.10	2160.00	37
38	39950.00	16610.00	1524.00	3005.00	-698.70	2559.00	38
39	45210.00	12340.00	2215.00	1773.00	-69.44	1259.00	39
40	46530.00	14640.00	2546.00	1923.00	35.47	1447.00	40
41	44060.00	19740.00	2395.00	2013.00	-153.30	1594.00	41
42	43400.00	18750.00	2095.00	1953.00	-153.30	1720.00	42
43	44880.00	21220.00	2035.00	2253.00	-258.20	1657.00	43
44	39950.00	17930.00	863.00	5048.00	-1328.00	3524.00	44
45	45210.00	13320.00	2155.00	1893.00	-6.50	1489.00	45
46	41430.00	18750.00	2185.00	2163.00	-279.20	1804.00	46
47	42250.00	17600.00	2185.00	1983.00	-363.10	1636.00	47
48	37970.00	23520.00	2305.00	2584.00	-27.47	2139.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141

TSGW 24300 TSCR 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
49	42420.00	20730.00	2155.00	2253.00	-405.00	1930.00	49
50	37970.00	9377.00	1584.00	1923.00	-384.00	1657.00	50
51	37810.00	9541.00	1645.00	2224.00	-405.00	1930.00	51
52	44550.00	30100.00	-219.00	7151.00	-1748.00	5705.00	52
53	34680.00	11680.00	1344.00	2404.00	-551.80	2118.00	53
54	35010.00	13980.00	1163.00	3245.00	-426.00	2538.00	54
55	41260.00	30760.00	322.00	6731.00	-1538.00	5412.00	55
56	34850.00	27640.00	772.50	5319.00	-1706.00	4321.00	56
57	40610.00	21220.00	1915.00	2614.00	-1013.00	2244.00	57

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141
TGW 24300 TCCR 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	-19.81	726.60	773.00	153.60	1166.00	256.50	2
3	-1083.00	2678.00	872.80	484.00	1034.00	684.10	3
4	60.94	834.20	734.60	161.30	1182.00	287.60	4
5	60.94	807.30	749.90	145.90	1198.00	272.10	5
6	7.09	699.70	780.70	130.60	1182.00	241.00	6
7	20.56	632.40	803.70	122.90	1190.00	217.70	7
8	60.94	861.10	803.70	169.00	1159.00	310.90	8
9	-60.14	1171.00	865.20	307.30	1205.00	311.00	9
10	-19.81	1157.00	865.20	338.00	1205.00	326.50	10
11	-1029.00	3162.00	926.60	660.60	1128.00	777.40	11
12	-1190.00	2570.00	788.30	476.30	1097.00	653.00	12
13	-746.40	2422.00	811.40	453.20	1104.00	660.80	13
14	-880.90	2664.00	895.90	338.00	1112.00	590.80	14
15	-410.00	2193.00	988.10	276.60	1042.00	489.80	15
16	208.90	1036.00	1057.00	299.60	1097.00	295.40	16
17	-1312.00	3525.00	811.40	591.50	1042.00	909.50	17
18	-87.04	1224.00	934.30	268.90	1205.00	466.40	18
19	-19.78	1292.00	895.90	322.60	1198.00	474.20	19
20	-356.20	1520.00	803.70	353.30	1151.00	474.20	20
21	-1218.00	3700.00	849.80	660.60	1135.00	785.10	21
22	-1083.00	3889.00	803.70	829.70	1135.00	862.90	22
23	-383.10	1359.00	918.90	284.30	1058.00	536.40	23
24	-167.80	1494.00	895.90	322.60	1058.00	614.10	24
25	-1056.00	2193.00	872.80	376.40	1050.00	684.10	25
26	-1110.00	4050.00	849.80	921.80	1182.00	1049.00	26
27	-1258.00	4413.00	849.80	921.80	1050.00	1119.00	27
28	34.03	1507.00	965.00	437.80	1213.00	645.20	28
29	-114.00	1278.00	972.70	338.00	1182.00	474.20	29
30	-100.50	1642.00	880.50	414.80	1190.00	482.00	30
31	7.13	1507.00	880.50	399.50	1073.00	489.80	31
32	155.10	1305.00	826.80	361.10	1112.00	435.30	32
33	-1043.00	4682.00	826.80	1099.00	1058.00	1252.00	33
34	168.60	1265.00	888.20	330.30	1198.00	474.20	34
35	-1218.00	4239.00	749.90	1006.00	1151.00	1189.00	35
36	-732.90	2570.00	865.20	430.20	1042.00	645.20	36
37	-329.30	1951.00	957.30	368.70	1104.00	583.00	37
38	-934.80	2610.00	918.90	453.30	1120.00	707.40	38
39	276.20	834.20	1172.00	368.80	1081.00	233.20	39
40	316.60	1009.00	1257.00	407.10	1260.00	287.60	40
41	208.90	1224.00	1165.00	499.30	1306.00	443.10	41
42	195.50	1265.00	1203.00	537.70	1330.00	482.00	42
43	-181.30	1911.00	1142.00	583.80	1376.00	513.10	43
44	-894.30	2731.00	1003.00	568.40	1143.00	808.50	44
45	60.94	1157.00	1195.00	391.80	1213.00	318.80	45
46	74.38	1305.00	1142.00	445.50	1229.00	396.50	46
47	262.80	1117.00	1188.00	445.60	1065.00	357.60	47
48	262.80	1709.00	1111.00	706.70	1306.00	583.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141

TGWH 24300 TBCG 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
49	276.20	1615.00	1019.00	445.60	1011.00	412.00	49
50	7.13	1050.00	857.50	207.40	1112.00	357.60	50
51	20.56	1144.00	819.10	184.40	1128.00	295.40	51
52	-665.60	3095.00	773.00	660.60	1089.00	785.10	52
53	-19.81	1211.00	773.00	261.20	1120.00	380.90	53
54	222.40	1749.00	803.70	399.50	1198.00	458.70	54
55	-840.50	2920.00	734.60	775.90	1174.00	855.10	55
56	-813.60	2624.00	734.60	745.10	1143.00	761.80	56
57	-1110.00	1870.00	550.20	806.60	987.70	730.80	57

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141
TCGW 24300 TCCR 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49860SDY	69860ALT	EVENT
2	-9753.00	6810.00	2
3	5812.00	9311.00	3
4	-10590.00	7922.00	4
5	-10310.00	7922.00	5
6	-11420.00	6810.00	6
7	-11280.00	6671.00	7
8	-8224.00	8616.00	8
9	-8919.00	7366.00	9
10	-7807.00	7365.00	10
11	-9058.00	10840.00	11
12	-2943.00	8894.00	12
13	-1692.00	8477.00	13
14	14010.00	9728.00	14
15	24430.00	9311.00	15
16	34020.00	6115.00	16
17	11930.00	11530.00	17
18	-997.50	6949.00	18
19	-1137.00	7922.00	19
20	-1414.00	8477.00	20
21	-7807.00	12920.00	21
22	-10030.00	15700.00	22
23	-3638.00	7643.00	23
24	-9336.00	7505.00	24
25	-13090.00	7366.00	25
26	-5306.00	14310.00	26
27	-5167.00	13620.00	27
28	3588.00	13200.00	28
29	114.00	8338.00	29
30	1921.00	14310.00	30
31	1643.00	9311.00	31
32	-858.50	7366.00	32
33	-2665.00	13900.00	33
34	-3916.00	8199.00	34
35	-19200.00	15430.00	35
36	-11140.00	9311.00	36
37	-10860.00	8755.00	37
38	-18790.00	11670.00	38
39	43610.00	5698.00	39
40	46810.00	7227.00	40
41	42500.00	7644.00	41
42	47360.00	8339.00	42
43	45280.00	8755.00	43
44	14430.00	10150.00	44
45	47500.00	6532.00	45
46	42360.00	7783.00	46
47	44720.00	7921.00	47
48	42220.00	10700.00	48

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 141
TGW 24300 TCR 4.4 FWD FLIGHT DATE 08/31/77

EVENT	49860SDY	69860ALT	EVENT
49	42500.00	9311.00	49
50	3450.00	9450.00	50
51	114.00	9450.00	51
52	-4279.00	15840.00	52
53	3450.00	9728.00	53
54	-24.50	10980.00	54
55	-8919.00	17930.00	55
56	-11420.00	13760.00	56
57	4701.00	11810.00	57

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 142
TCGW 24300 TCCG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.89	7.74	12.84	-2.92	14.50	1.05	2
3	4.34	6.09	10.43	-1.82	13.45	.73	3
4	4.38	5.57	9.95	-1.20	13.97	.69	4
5	4.34	4.71	9.06	-.37	14.54	.61	5
6	4.41	6.09	10.50	-1.68	12.76	.77	6
7	4.58	6.88	11.53	-2.51	12.52	.85	7
8	4.82	7.47	12.29	-2.92	12.03	.93	8
9	4.55	7.06	11.60	-2.71	12.44	.93	9
10	4.41	7.12	11.53	-2.78	12.80	.97	10
11	4.34	7.40	11.74	-3.13	13.16	1.01	11
12	4.12	9.00	13.12	-4.88	13.89	1.33	12
13	4.04	8.77	12.84	-4.71	14.25	1.29	13
14	4.68	9.40	14.08	-4.88	14.50	1.53	14
15	3.94	6.88	10.84	-2.92	14.38	1.17	15
16	5.06	7.71	12.77	-2.65	12.64	1.05	16
17	4.82	6.09	10.98	-1.27	14.62	.85	17
18	4.79	4.61	9.47	.18	15.71	.65	18
19	4.84	9.43	14.29	-4.57	13.85	1.45	19
20	5.05	9.93	14.97	-4.88	14.01	1.62	20
21	4.44	6.78	11.26	-2.44	11.99	.81	21
22	4.41	7.33	11.74	-2.92	11.75	.89	22
23	4.48	7.88	12.43	-3.40	12.19	1.01	23
24	4.51	8.40	12.91	-3.95	12.32	1.05	24
25	4.44	8.74	13.18	-4.30	12.40	1.13	25
26	4.44	9.29	13.73	-4.88	12.84	1.17	26
27	4.89	9.12	14.01	-4.37	13.85	1.78	27
28	4.64	8.77	13.67	-4.09	12.96	1.29	28
29	4.65	9.02	13.67	-4.57	13.85	1.37	29
30	5.13	9.64	14.77	-4.50	13.24	1.49	30
31	4.55	7.54	12.08	-3.33	13.29	1.70	31
32	4.41	7.67	12.08	-3.61	13.61	1.21	32
33	4.44	9.02	13.46	-4.57	13.53	1.86	33
34	4.24	6.81	11.05	-2.58	13.08	.85	34
35	4.13	7.81	11.95	-3.68	13.16	1.17	35
36	5.44	9.74	15.18	-4.57	13.85	2.67	36
37	4.72	9.02	13.73	-4.30	15.10	1.90	37
38	5.35	10.24	15.59	-4.88	15.06	2.26	38
39	4.00	7.60	11.74	-3.68	14.42	1.86	39
40	3.69	8.47	12.15	-4.78	13.49	1.25	40
41	3.88	8.76	12.63	-4.88	14.05	1.74	41
42	5.34	7.50	12.84	-2.92	12.92	1.09	42
43	5.99	9.88	16.28	-4.09	13.29	1.78	43
44	6.68	9.32	16.07	-4.23	14.54	1.57	44
45	5.60	10.48	16.28	-4.88	13.85	1.70	45
46	5.79	9.19	15.11	-3.40	12.60	1.49	46
47	5.34	9.02	14.35	-3.75	15.10	2.30	47
48	4.75	7.74	12.50	-2.99	15.26	1.74	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 142
TCGW 24300 TCCR 4.4 FWD FLIGHT DATE 09/01/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
49	4.89	6.57	11.46	-1.82	13.89	1.01	49
50	3.96	5.99	10.02	-2.10	10.70	.73	50
51	4.55	6.50	11.12	-2.03	9.93	.85	51
52	4.58	5.64	10.29	-1.06	8.44	.65	52
53	4.10	5.09	9.26	-1.06	6.90	.57	53
54	3.96	5.64	10.57	-1.68	8.88	2.38	54
55	3.72	6.71	10.91	-3.20	7.27	1.09	55
56	5.17	6.44	11.67	-2.03	9.12	1.01	56
57	5.23	5.33	10.57	-.58	8.32	1.49	57
58	4.17	5.02	10.22	-.86	9.49	2.34	58
59	4.99	6.40	11.39	-1.48	14.98	1.62	59
60	3.38	4.16	7.68	-.86	6.70	.44	60
61	3.24	4.71	8.99	-1.48	9.49	2.75	61
62	6.30	4.82	11.12	-.58	8.23	1.41	62
63	4.86	4.47	9.33	-.65	7.59	1.01	63
64	5.58	5.82	11.46	-.24	7.47	.97	64
65	5.65	5.47	11.12	-.92	7.23	1.05	65
66	5.13	4.40	9.54	-.03	11.22	.77	66
67	4.75	6.78	11.53	-2.03	12.15	.81	67
68	5.06	7.23	12.29	-2.16	13.49	1.25	68
69	7.27	9.91	17.18	-2.65	14.74	1.94	69
70	4.65	7.02	11.81	-2.37	13.29	1.13	70
71	4.86	7.30	12.15	-2.65	14.98	2.26	71
72	4.93	7.91	12.84	-3.06	14.17	1.21	72
73	5.58	9.53	15.18	-4.09	14.50	1.53	73
74	4.24	8.40	12.63	-4.16	14.29	1.82	74
76	4.31	8.47	12.84	-4.16	14.17	1.29	76
77	5.27	9.43	14.77	-4.16	15.35	1.74	77
78	4.06	7.26	11.33	-3.20	14.46	1.33	78

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 142
TGW 24300 TCG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	39030SDY	39030ALT	49710SDY	49710ALT	EVENT
2	13.45	2.56		8399.00	2
3	12.82	2.39		6423.00	3
4	13.01	2.58		7246.00	4
5	13.34	2.63		6423.00	5
6	12.45	2.30		8729.00	6
7	12.61	2.14		7905.00	7
8	12.40	2.11		12190.00	8
9	12.45	1.45		9058.00	9
10	12.84	.96		5929.00	10
11	13.20	.85		7246.00	11
12	13.55	2.18		23710.00	12
13	14.32	2.39		23060.00	13
14	14.28	2.30		23050.00	14
15	15.19	3.92		26510.00	15
16	13.22	2.09		7741.00	16
17	13.76	2.44		10210.00	17
18	14.20	2.65		4776.00	18
19	13.55	1.99		17790.00	19
20	13.41	2.28		21740.00	20
21	12.14	2.07		8564.00	21
22	12.21	1.97		8893.00	22
23	12.56	1.90		9387.00	23
24	12.70	1.90		8728.00	24
25	12.82	1.97		5599.00	25
26	12.77	2.11		5599.00	26
27	12.47	3.17		33100.00	27
28	12.23	2.37		29480.00	28
29	12.61	2.89		29470.00	29
30	12.42	3.78		31450.00	30
31	13.01	2.96		12020.00	31
32	13.38	2.02		8564.00	32
33	12.51	4.81		11860.00	33
34	12.49	1.27		7905.00	34
35	12.94	2.14		8235.00	35
36	12.02	2.72		32280.00	36
37	12.47	1.48		15480.00	37
38	12.75	2.60		24540.00	38
39	13.52	2.96		11360.00	39
40	14.06	2.74		17620.00	40
41	12.77	5.82		18120.00	41
42	11.58	2.56		14660.00	42
43	11.27	3.99		20910.00	43
44	14.23	3.90		28820.00	44
45	12.35	5.11		23540.00	45
46	12.38	3.26		21240.00	46
47	14.23	3.28		16470.00	47
48	13.20	3.38		17460.00	48

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 142
TGGW 24300 TCGG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	39030SDY	39030ALT	49710SDY	49710ALT	EVENT
49	12.84	3.22		14000.00	49
50	11.04	1.15		9881.00	50
51	10.59	1.34		12680.00	51
52	9.75	1.67		15480.00	52
53	7.02	2.56		19270.00	53
54	8.60	2.82		23060.00	54
55	7.56	4.13		20420.00	55
56	7.75	3.76		24540.00	56
57	7.87	3.26		25200.00	57
58	9.16	3.15		26340.00	58
59	13.17	3.40		22560.00	59
60	6.58	2.63		16300.00	60
61	7.92	3.31		22070.00	61
62	8.76	2.47		29800.00	62
63	6.44	2.44		27340.00	63
64	9.35	3.15		42320.00	64
65	10.05	3.66		36060.00	65
66	8.50	2.02		19100.00	66
67	12.35	2.11		11530.00	67
68	13.08	2.23		9222.00	68
69	13.78	4.53		37550.00	69
70	12.68	1.27		8728.00	70
71	13.50	1.24		9223.00	71
72	13.48	1.27		11530.00	72
73	13.85	3.14		28160.00	73
74	13.64	2.09		26680.00	74
76	13.69	2.23		25200.00	76
77	14.09	2.39		26670.00	77
78	12.80	3.40		25680.00	78

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 142
TSGW 24300 TSCG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
2	6640.00	2827.00	3478.00	3882.00	-5931.00	5674.00	2
3	4403.00	2473.00	2811.00	3137.00	-4965.00	4623.00	3
4	3853.00	2866.00	2458.00	3412.00	-4460.00	5884.00	4
5	3460.00	2788.00	2654.00	3137.00	-4628.00	4624.00	5
6	3224.00	3102.00	2341.00	3607.00	-4796.00	6473.00	6
7	2479.00	3769.00	2733.00	3843.00	-5007.00	5926.00	7
8	3303.00	3966.00	2694.00	5058.00	-5427.00	6766.00	8
9	3460.00	3023.00	2733.00	4784.00	-5132.00	5548.00	9
10	4520.00	3141.00	3086.00	4431.00	-5343.00	4581.00	10
11	4717.00	3965.00	2929.00	4588.00	-5217.00	4791.00	11
12	2793.00	9660.00	1517.00	6235.00	-5847.00	10800.00	12
13	2989.00	9620.00	1439.00	6549.00	-6057.00	10590.00	13
14	3735.00	10210.00	1360.00	6706.00	-6226.00	11010.00	14
15	2910.00	10480.00	1360.00	6784.00	-6394.00	10930.00	15
16	4481.00	3023.00	2537.00	4588.00	-5511.00	5842.00	16
17	4834.00	2670.00	2968.00	3137.00	-4964.00	5128.00	17
18	5070.00	2984.00	3164.00	2863.00	-4292.00	4035.00	18
19	4638.00	7185.00	2890.00	5254.00	-4923.00	11140.00	19
20	4677.00	9188.00	3086.00	5372.00	-5511.00	12230.00	20
21	3656.00	3220.00	2458.00	4431.00	-4628.00	5884.00	21
22	3774.00	3102.00	2498.00	4706.00	-5006.00	5506.00	22
23	4049.00	3220.00	3047.00	4784.00	-5048.00	5380.00	23
24	4246.00	3337.00	3243.00	4588.00	-5049.00	4960.00	24
25	4560.00	3337.00	2890.00	4705.00	-5133.00	4707.00	25
26	4599.00	3455.00	2890.00	4784.00	-5049.00	4539.00	26
27	2047.00	12920.00	1713.00	5961.00	-6058.00	16220.00	27
28	1968.00	11430.00	1517.00	6157.00	-5553.00	16060.00	28
29	1890.00	12530.00	1439.00	5922.00	-5805.00	15210.00	29
30	2007.00	12020.00	1988.00	6078.00	-6520.00	15760.00	30
31	4442.00	6125.00	1596.00	5922.00	-4922.00	6683.00	31
32	3931.00	5065.00	2454.00	4941.00	-5511.00	5590.00	32
33	2871.00	5890.00	1792.00	6353.00	-5301.00	7061.00	33
34	3539.00	4044.00	2654.00	4392.00	-5049.00	4707.00	34
35	3813.00	4162.00	2772.00	4745.00	-5679.00	3993.00	35
36	2360.00	12290.00	2184.00	7687.00	-6898.00	15210.00	36
37	3460.00	7971.00	2498.00	5019.00	-5763.00	10890.00	37
38	2596.00	10640.00	2458.00	6157.00	-5763.00	14750.00	38
39	4049.00	6125.00	2772.00	6157.00	-7234.00	5464.00	39
40	2165.00	6597.00	1713.00	5961.00	-4712.00	7145.00	40
41	2204.00	7579.00	1046.00	7490.00	-5133.00	7649.00	41
42	2321.00	5026.00	3125.00	5960.00	-5595.00	8784.00	42
43	2675.00	8914.00	2262.00	6510.00	-4292.00	13700.00	43
44	3578.00	10440.00	3478.00	6549.00	-4335.00	17360.00	44
45	4049.00	9659.00	2929.00	6784.00	-5637.00	15210.00	45
46	3107.00	7854.00	2655.00	6117.00	-5217.00	13450.00	46
47	3853.00	4908.00	3517.00	5019.00	-5133.00	10000.00	47
48	3932.00	5850.00	3596.00	5725.00	-3368.00	10510.00	48

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 142
TSGW 24300 TCCG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
49	4913.00	4633.00	3478.00	4588.00	-5931.00	9961.00	49
50	2125.00	3494.00	1557.00	5019.00	-3956.00	6304.00	50
51	2636.00	4712.00	1674.00	5608.00	-4670.00	7355.00	51
52	2950.00	6361.00	1321.00	6510.00	-6099.00	6851.00	52
53	908.00	7539.00	301.30	4392.00	-4334.00	6010.00	53
54	1575.00	8442.00	968.00	5608.00	-6393.00	8154.00	54
55	1379.00	7696.00	-326.00	5647.00	-4166.00	8112.00	55
56	2675.00	9463.00	1831.00	6079.00	-3704.00	8574.00	56
57	1300.00	10050.00	2027.00	5804.00	-6814.00	9246.00	57
58	2007.00	10050.00	-248.00	7686.00	-5469.00	10590.00	58
59	1418.00	9149.00	1361.00	6471.00	-3535.00	6977.00	59
60	-113.50	7461.00	929.00	7686.00	-4334.00	6262.00	60
61	1811.00	7971.00	1360.00	7725.00	-6099.00	7439.00	61
62	2282.00	9699.00	1164.00	9804.00	-7738.00	11430.00	62
63	2400.00	8482.00	1204.00	8824.00	-4881.00	9583.00	63
64	2832.00	12320.00	2340.00	8941.00	-4839.00	15420.00	64
65	1497.00	11190.00	1164.00	9961.00	-7234.00	11940.00	65
66	1968.00	6872.00	1635.00	6981.00	-4544.00	7986.00	66
67	2439.00	3652.00	2811.00	4784.00	-5763.00	6599.00	67
68	3499.00	3141.00	2968.00	4784.00	-5553.00	6388.00	68
69	5109.00	15120.00	2576.00	6981.00	-7402.00	17900.00	69
70	3500.00	3455.00	3086.00	5215.00	-5721.00	5548.00	70
71	4363.00	3377.00	4066.00	5255.00	-5679.00	5086.00	71
72	4991.00	5183.00	3243.00	4980.00	-5385.00	7817.00	72
73	4324.00	11430.00	2615.00	6000.00	-5679.00	14750.00	73
74	1772.00	10130.00	1478.00	6588.00	-6100.00	12310.00	74
76	1811.00	10410.00	1478.00	6510.00	-6134.00	11890.00	76
77	1968.00	11350.00	1047.00	7334.00	-5847.00	13320.00	77
78	4481.00	7342.00	2890.00	6431.00	-47.50	12480.00	78

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 142
TGGW 24300 TCCR 4.4 FWD FLIGHT DATE 09/01/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-4549.00	3870.00	1428.00	13030.00	39500.00	14740.00	2
3	-5322.00	3398.00	1914.00	8652.00	42740.00	10020.00	3
4	-5291.00	4876.00	2302.00	9040.00	43040.00	10020.00	4
5	-6203.00	4467.00	1720.00	9235.00	42740.00	11200.00	5
6	-4347.00	5191.00	3080.00	9429.00	43040.00	10910.00	6
7	-4819.00	4656.00	2400.00	11280.00	41710.00	12530.00	7
8	-5197.00	5096.00	3469.00	12350.00	43040.00	14150.00	8
9	-5920.00	4373.00	2789.00	11860.00	42450.00	12970.00	9
10	-4675.00	3681.00	3275.00	12150.00	42890.00	12820.00	10
11	-7399.00	3775.00	2594.00	12440.00	42300.00	13410.00	11
12	-7524.00	9438.00	-808.00	21870.00	38470.00	25210.00	12
13	-7933.00	9910.00	-1197.00	23430.00	38020.00	26240.00	13
14	-8594.00	8997.00	3858.00	25180.00	43620.00	32720.00	14
15	-8311.00	8965.00	-127.50	22550.00	39500.00	25060.00	15
16	-5542.00	5254.00	2983.00	11660.00	38470.00	13120.00	16
17	-5291.00	4121.00	2594.00	9915.00	38910.00	10910.00	17
18	-5668.00	3618.00	2400.00	8749.00	38470.00	9877.00	18
19	-4864.00	9406.00	4830.00	23430.00	39930.00	26670.00	19
20	-6455.00	9878.00	5219.00	27900.00	41120.00	33460.00	20
21	-4316.00	4656.00	2400.00	10110.00	41560.00	11200.00	21
22	-5228.00	4436.00	2789.00	10890.00	41560.00	11790.00	22
23	-5700.00	4152.00	2789.00	11660.00	41710.00	12530.00	23
24	-5983.00	3932.00	2983.00	12050.00	41860.00	12680.00	24
25	-6455.00	3964.00	2886.00	11760.00	42000.00	12820.00	25
26	-6360.00	4247.00	844.50	12250.00	41710.00	14590.00	26
27	-7163.00	12790.00	4150.00	29740.00	42150.00	36850.00	27
28	-6880.00	13070.00	3178.00	27800.00	42740.00	33020.00	28
29	-7305.00	12360.00	3955.00	26250.00	41120.00	32870.00	29
30	-6990.00	12870.00	3275.00	30230.00	47160.00	34490.00	30
31	-7870.00	5757.00	1914.00	14480.00	40530.00	16660.00	31
32	-7430.00	4373.00	2303.00	13710.00	41410.00	16070.00	32
33	-6203.00	7299.00	358.00	21480.00	39350.00	25210.00	33
34	-6958.00	3586.00	2691.00	11570.00	42890.00	13120.00	34
35	-4549.00	3555.00	3663.00	12930.00	43770.00	14590.00	35
36	-7776.00	11950.00	3178.00	27410.00	40230.00	32570.00	36
37	-7336.00	9123.00	650.00	25660.00	39940.00	31100.00	37
38	-7682.00	11860.00	2594.00	27410.00	39790.00	33900.00	38
39	-7336.00	5285.00	-1295.00	17300.00	39350.00	20200.00	39
40	-6109.00	8022.00	552.50	20700.00	42450.00	22110.00	40
41	-4077.00	6481.00	2497.00	27900.00	39490.00	32720.00	41
42	-4567.00	7739.00	2789.00	15160.00	42000.00	17540.00	42
43	-4505.00	11140.00	2691.00	19930.00	40090.00	25940.00	43
44	-5763.00	12650.00	2497.00	24590.00	43320.00	28880.00	44
45	-4386.00	12520.00	455.50	23720.00	43180.00	30210.00	45
46	-5166.00	10540.00	3761.00	18470.00	41260.00	24470.00	46
47	-4410.00	8148.00	1233.00	18660.00	40680.00	22700.00	47
48	-4788.00	10730.00	1525.00	16620.00	42150.00	19460.00	48

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AIRCRAFT SLP1 FLIGHT 142

TSGW 24300 TSCG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
49	-7084.00	9249.00	-127.50	13610.00	41560.00	17100.00	49
50	-4724.00	5883.00	3760.00	10500.00	42010.00	11940.00	50
51	-4567.00	7236.00	4538.00	12830.00	42300.00	15480.00	51
52	-4347.00	8211.00	5802.00	14480.00	43770.00	15480.00	52
53	-4001.00	5789.00	4053.00	12150.00	46570.00	15330.00	53
54	-7461.00	6481.00	4927.00	17690.00	46720.00	20480.00	54
55	-4536.00	7456.00	8329.00	17590.00	48780.00	21670.00	55
56	-9097.00	7550.00	4052.00	19150.00	45390.00	24170.00	56
57	-3844.00	7959.00	1039.00	18270.00	51880.00	24760.00	57
58	-8028.00	8368.00	2789.00	19440.00	45830.00	24910.00	58
59	-4442.00	7550.00	4149.00	18470.00	42450.00	23590.00	59
60	-2649.00	5568.00	-30.50	14870.00	42890.00	18430.00	60
61	-4423.00	8588.00	3177.00	16720.00	46130.00	20480.00	61
62	-5826.00	9878.00	8135.00	23230.00	44510.00	29190.00	62
63	-4756.00	9563.00	1331.00	20120.00	44510.00	25940.00	63
64	-5606.00	11860.00	1428.00	27610.00	46870.00	31840.00	64
65	-9349.00	10260.00	2789.00	26830.00	49220.00	32430.00	65
66	-6612.00	7644.00	4052.00	20120.00	47010.00	24910.00	66
67	-5511.00	4971.00	3372.00	11080.00	42300.00	12530.00	67
68	-5543.00	4813.00	2011.00	12050.00	40830.00	13710.00	68
69	-5464.00	14490.00	3469.00	32950.00	42740.00	40090.00	69
70	-7021.00	4341.00	3955.00	13410.00	42450.00	15040.00	70
71	-7116.00	3995.00	2886.00	13120.00	41420.00	14000.00	71
72	-7178.00	6701.00	3858.00	17210.00	43040.00	22410.00	72
73	-4424.00	12240.00	3469.00	29650.00	47900.00	34340.00	73
74	-7933.00	10600.00	1428.00	23130.00	38610.00	26530.00	74
76	-8374.00	10220.00	941.50	22650.00	40090.00	28010.00	76
77	-8217.00	10260.00	2886.00	27310.00	41850.00	33600.00	77
78	-4977.00	13560.00	2011.00	16140.00	38910.00	20050.00	78

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 142
TSGW 24300 TSCG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	32580.00	13350.00	-626.20	1686.00	-399.30	1405.00	2
3	35390.00	9230.00	186.80	1235.00	124.90	1132.00	3
4	35220.00	11370.00	427.80	1174.00	166.90	1090.00	4
5	35720.00	11540.00	849.30	1174.00	418.50	922.70	5
6	34730.00	10550.00	397.70	1265.00	62.00	1153.00	6
7	33900.00	11370.00	247.10	1536.00	-273.50	1279.00	7
8	34890.00	11700.00	217.00	1987.00	-441.30	1573.00	8
9	36560.00	10380.00	126.60	2018.00	-399.30	1699.00	9
10	33740.00	9889.00	96.56	2168.00	-504.20	1845.00	10
11	33080.00	10880.00	247.10	2439.00	-462.30	2055.00	11
12	31600.00	21260.00	-957.40	4728.00	-1406.00	3880.00	12
13	30610.00	20600.00	-717.00	4848.00	-1427.00	4027.00	13
14	36370.00	31640.00	-385.50	6023.00	-1281.00	4928.00	14
15	30940.00	20270.00	-717.00	5029.00	-1574.00	4257.00	15
16	31270.00	12030.00	217.00	1626.00	-357.40	1447.00	16
17	31600.00	10710.00	728.90	1114.00	-63.84	1028.00	17
18	32250.00	10050.00	939.70	843.10	82.97	671.00	18
19	30940.00	21260.00	-325.00	3734.00	-902.60	3125.00	19
20	30280.00	27190.00	-656.50	5029.00	-1826.00	4173.00	20
21	33900.00	10380.00	367.50	1656.00	-315.40	1405.00	21
22	33410.00	9889.00	277.20	1927.00	-420.30	1552.00	22
23	33240.00	10710.00	186.90	2198.00	-483.20	1782.00	23
24	32750.00	10550.00	156.80	2289.00	-546.10	1845.00	24
25	32420.00	11540.00	156.80	2349.00	-525.20	1908.00	25
26	31760.00	14170.00	126.70	2499.00	-504.20	2097.00	26
27	34400.00	30000.00	-2042.00	8221.00	-2832.00	6019.00	27
28	34050.00	25380.00	-1591.00	6565.00	-2140.00	4782.00	28
29	34070.00	27360.00	-1831.00	6685.00	-2203.00	5390.00	29
30	37520.00	30810.00	-1831.00	8010.00	-2455.00	6186.00	30
31	31760.00	14830.00	518.10	3553.00	-336.40	2516.00	31
32	32910.00	12360.00	337.40	2590.00	-504.20	2223.00	32
33	32910.00	22250.00	789.10	3041.00	-357.40	2370.00	33
34	34230.00	9724.00	488.00	2319.00	-336.40	2013.00	34
35	35060.00	11870.00	217.00	2710.00	-483.20	2244.00	35
36	42630.00	33950.00	-1380.00	7619.00	-1972.00	5872.00	36
37	30770.00	25380.00	-264.80	3553.00	-1092.00	3020.00	37
38	34720.00	33620.00	-596.50	6655.00	-1050.00	5368.00	38
39	32910.00	18290.00	608.30	3704.00	-399.30	2873.00	39
40	35390.00	16810.00	468.70	3342.00	-546.10	2516.00	40
41	30770.00	30980.00	849.30	3704.00	-630.00	2684.00	41
42	34370.00	15820.00	6.19	2319.00	-147.70	1908.00	42
43	32750.00	24390.00	66.44	3945.00	-1175.00	3272.00	43
44	34230.00	29170.00	-1048.00	4758.00	-2077.00	3712.00	44
45	34230.00	31150.00	-535.90	4547.00	-1448.00	3670.00	45
46	31430.00	26040.00	96.53	3553.00	-1196.00	2873.00	46
47	31100.00	20440.00	-264.80	3132.00	-1049.00	2936.00	47
48	35060.00	19780.00	-505.70	2590.00	-1259.00	2349.00	48

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AIRCRAFT SLP1 FLIGHT 142
TSGW 24300 TBCR 4.4 FWD FLIGHT DATE 09/01/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
49	26370.00	17140.00	-325.00	2590.00	-1343.00	2139.00	49
50	33900.00	9065.00	307.30	1777.00	-315.40	1573.00	50
51	23080.00	11210.00	247.10	2138.00	-420.30	1929.00	51
52	32750.00	11210.00	-114.30	2620.00	-630.00	2013.00	52
53	28520.00	15330.00	939.70	1987.00	-399.30	1615.00	53
54	36700.00	20110.00	939.70	2529.00	82.97	1803.00	54
55	23080.00	19120.00	1331.00	2138.00	62.00	1447.00	55
56	35720.00	23400.00	668.70	2439.00	-399.30	1866.00	56
57	42140.00	22250.00	728.90	2379.00	-462.30	1552.00	57
58	35880.00	25220.00	759.00	2710.00	-.91	1845.00	58
59	24230.00	20600.00	578.30	2289.00	-776.80	1866.00	59
60	36210.00	18950.00	217.00	2590.00	-231.60	1992.00	60
61	29340.00	21100.00	578.30	2349.00	-294.50	1929.00	61
62	34890.00	27850.00	427.80	2921.00	-336.40	2223.00	62
63	22240.00	21590.00	969.80	2921.00	-357.40	2412.00	63
64	40490.00	31140.00	879.10	4396.00	-546.10	3271.00	64
65	28020.00	27680.00	-144.40	3493.00	-1217.00	2433.00	65
66	27200.00	23570.00	1060.00	2409.00	-21.88	1615.00	66
67	24070.00	11210.00	307.30	1656.00	-378.30	1426.00	67
68	23740.00	12530.00	277.20	1807.00	-546.20	1510.00	68
69	35880.00	36090.00	-656.50	6595.00	-2350.00	4613.00	69
70	23080.00	12200.00	96.53	2228.00	-692.90	1866.00	70
71	32750.00	11210.00	126.60	2319.00	-713.90	1971.00	71
72	22750.00	21430.00	277.20	2469.00	-525.20	2034.00	72
73	36860.00	33780.00	-1561.00	7137.00	-2539.00	5725.00	73
74	22420.00	23070.00	-867.40	4638.00	-1238.00	3796.00	74
76	31930.00	24230.00	-988.00	5480.00	-1469.00	4362.00	76
77	40490.00	33780.00	-1199.00	6956.00	-2224.00	5578.00	77
78	31600.00	22910.00	126.60	2740.00	-1028.00	2328.00	78

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 142
TGGW 24300 TBCG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	-55.41	956.30	720.90	191.60	1072.00	348.60	2
3	119.70	835.10	782.20	191.60	1034.00	295.60	3
4	92.75	754.30	766.90	222.30	981.20	363.80	4
5	173.60	646.50	805.20	168.60	1012.00	288.00	5
6	79.28	848.50	866.50	229.90	1012.00	409.30	6
7	52.34	902.40	812.90	222.30	1019.00	371.40	7
8	-55.41	1064.00	843.50	298.90	1049.00	416.80	8
9	-68.88	1051.00	843.50	191.60	1027.00	348.60	9
10	-41.94	1104.00	820.50	153.30	1027.00	288.00	10
11	38.88	1212.00	774.50	183.90	1027.00	318.30	11
12	-715.40	2451.00	812.80	590.10	1095.00	689.70	12
13	-648.00	2330.00	835.80	567.10	1080.00	689.70	13
14	-472.90	2559.00	766.90	590.10	1103.00	712.40	14
15	-782.70	2438.00	805.20	674.40	1110.00	704.80	15
16	38.88	996.70	674.90	191.60	966.10	363.80	16
17	52.34	767.70	621.30	183.90	1087.00	424.40	17
18	-1.53	525.30	659.60	160.90	897.90	250.10	18
19	-540.30	2249.00	598.30	406.20	928.20	720.00	19
20	-850.10	2613.00	605.90	521.10	958.50	780.60	20
21	65.81	969.80	835.80	214.60	996.40	363.80	21
22	-1.53	1010.00	828.20	206.90	1012.00	348.60	22
23	-28.47	1118.00	820.50	183.90	1012.00	333.50	23
24	-68.88	1131.00	828.20	160.90	1004.00	310.70	24
25	-109.30	1172.00	820.50	153.30	1004.00	295.60	25
26	-68.88	1293.00	812.80	176.30	1034.00	295.60	26
27	-1349.00	3219.00	759.20	781.70	1065.00	1038.00	27
28	-1335.00	3314.00	751.50	712.70	1034.00	1023.00	28
29	-1093.00	3044.00	789.80	735.70	1057.00	954.90	29
30	-904.20	3664.00	728.60	781.70	1080.00	992.80	30
31	25.41	1441.00	805.20	352.50	1012.00	409.30	31
32	92.75	1293.00	835.80	260.60	1034.00	371.30	32
33	187.00	1495.00	782.20	344.90	1004.00	462.30	33
34	38.88	1158.00	805.20	199.30	1019.00	310.80	34
35	-41.94	1320.00	766.90	206.90	1057.00	257.70	35
36	-554.20	3745.00	782.20	804.70	1156.00	977.70	36
37	-486.40	2195.00	766.80	390.80	1027.00	712.40	37
38	-1.53	3030.00	705.60	605.40	1072.00	939.80	38
39	-15.00	1778.00	697.90	367.80	1133.00	348.60	39
40	-68.88	1940.00	889.50	482.80	996.40	454.70	40
41	-109.30	1576.00	843.50	559.40	1012.00	454.70	41
42	-82.34	1226.00	820.50	383.20	1034.00	538.10	42
43	-634.60	2074.00	720.90	605.40	973.70	841.20	43
44	-1160.00	2573.00	667.30	812.40	920.60	1091.00	44
45	-1524.00	2936.00	789.80	659.10	1042.00	939.80	45
46	-55.41	1845.00	766.80	574.80	1034.00	810.90	46
47	-661.50	2155.00	667.30	459.80	1004.00	629.00	47
48	-1362.00	2586.00	720.90	482.80	875.20	682.10	48

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AIRCRAFT SLP1 FLIGHT 142
TCGW 24300 TBCG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
49	-1227.00	2047.00	759.20	352.50	1118.00	606.30	49
50	79.28	1091.00	858.80	268.20	950.90	409.30	50
51	-1.53	1306.00	851.20	291.20	1004.00	477.50	51
52	214.00	1495.00	904.80	375.50	1012.00	424.40	52
53	-1.53	1010.00	1081.00	490.50	1049.00	386.50	53
54	402.50	1280.00	1066.00	582.40	1163.00	530.50	54
55	187.00	1145.00	1012.00	513.50	1012.00	500.20	55
56	-122.80	1374.00	950.80	605.40	920.60	545.70	56
57	-1.53	1522.00	1035.00	689.70	1193.00	606.30	57
58	-15.00	1751.00	889.50	728.10	1042.00	666.90	58
59	-513.30	1845.00	920.20	620.80	1072.00	424.40	59
60	-68.88	1239.00	1119.00	482.80	1034.00	386.50	60
61	267.80	1468.00	1181.00	528.80	1193.00	469.90	61
62	-95.81	2020.00	996.80	682.10	1247.00	750.30	62
63	227.40	1913.00	1173.00	628.40	1072.00	621.40	63
64	-55.41	2653.00	935.50	1081.00	1148.00	954.90	64
65	-701.90	2195.00	1142.00	843.00	1444.00	765.50	65
66	133.20	1522.00	943.10	459.80	958.50	492.60	66
67	-41.94	942.80	805.20	306.60	1042.00	409.30	67
68	-122.80	969.80	743.90	245.30	1012.00	394.10	68
69	-1995.00	3489.00	506.30	988.60	1186.00	1144.00	69
70	-136.20	1118.00	820.50	199.30	1034.00	341.00	70
71	-149.70	1185.00	720.90	176.30	1027.00	318.30	71
72	52.34	1360.00	759.20	275.90	1034.00	522.90	72
73	-1402.00	3866.00	613.60	774.00	1087.00	939.80	73
74	-890.50	2357.00	782.20	651.40	1080.00	795.80	74
76	-701.90	2438.00	759.20	659.10	1087.00	773.00	76
77	-1066.00	3125.00	697.90	735.70	1080.00	856.40	77
78	-863.50	2168.00	628.90	605.40	700.80	765.40	78

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AIRCRAFT SLP1 FLIGHT 142
TSGW 24300 TSCG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	69860SDY	69860ALT	EVENT
2	-6528.00	9441.00	2
3	1247.00	6664.00	3
4	-2502.00	6525.00	4
5	-4944.00	5970.00	5
6	4024.00	6942.00	6
7	5551.00	8191.00	7
8	8050.00	9857.00	8
9	4245.00	9441.00	9
10	4024.00	9163.00	10
11	2080.00	9718.00	11
12	-2363.00	12500.00	12
13	-3612.00	12360.00	13
14	-5973.00	14990.00	14
15	-4723.00	11800.00	15
16	4163.00	8469.00	16
17	-6528.00	6664.00	17
18	-12080.00	6109.00	18
19	-1530.00	12220.00	19
20	-3057.00	12910.00	20
21	8605.00	8191.00	21
22	10550.00	8747.00	22
23	7356.00	9441.00	23
24	5829.00	9580.00	24
25	6106.00	10140.00	25
26	3191.00	11110.00	26
27	3191.00	13330.00	27
28	4301.00	13330.00	28
29	-3474.00	13880.00	29
30	1247.00	14720.00	30
31	3052.00	14300.00	31
32	-2.50	11250.00	32
33	-696.50	15270.00	33
34	4718.00	8747.00	34
35	3191.00	10270.00	35
36	3469.00	16940.00	36
37	-9860.00	16100.00	37
38	-10280.00	19850.00	38
39	-4723.00	16240.00	39
40	1386.00	12910.00	40
41	4857.00	16660.00	41
42	9300.00	11110.00	42
43	1663.00	16520.00	43
44	-7916.00	14720.00	44
45	-5279.00	16240.00	45
46	4661.00	14020.00	46
47	-11390.00	17910.00	47
48	-12080.00	11110.00	48

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 142
TCGW 24300 TBCG 4.4 FWD FLIGHT DATE 09/01/77

EVENT	A9860SDY	69860ALT	EVENT
49	-9860.00	9718.00	49
50	20680.00	7497.00	50
51	24150.00	8747.00	51
52	34570.00	8608.00	52
53	47760.00	7359.00	53
54	52890.00	9996.00	54
55	41370.00	10970.00	55
56	27490.00	10140.00	56
57	38180.00	12220.00	57
58	40680.00	9441.00	58
59	5412.00	11660.00	59
60	50530.00	7914.00	60
61	49700.00	8747.00	61
62	45530.00	11250.00	62
63	52060.00	9719.00	63
64	46090.00	14020.00	64
65	43870.00	12080.00	65
66	45260.00	10410.00	66
67	8744.00	8608.00	67
68	-1391.00	10410.00	68
69	-7639.00	18050.00	69
70	1525.00	10270.00	70
71	-3474.00	9719.00	71
72	-4307.00	10270.00	72
73	-6528.00	16660.00	73
74	-3057.00	11800.00	74
76	-6806.00	12220.00	76
77	-836.00	16520.00	77
78	-4446.00	11800.00	78

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FLIGHT LEADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TGGW 24300 TCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
1	3.32	2.29	5.75	1.02	11.39	.20	1
2	3.52	2.50	6.84	.82	13.95	.44	2
3	4.69	2.91	7.59	1.71	14.31	.32	3
4	4.21	2.84	7.11	1.37	14.83	1.00	4
5	6.05	4.48	10.53	.75	15.75	.56	5
6	4.51	5.40	10.60	-1.03	12.39	.80	6
7	4.45	6.57	11.49	-2.12	14.19	1.16	7
8	4.62	7.29	12.04	-2.74	14.43	2.68	8
9	4.65	4.52	9.23	.14	15.19	.56	9
10	5.06	6.57	11.63	-1.92	14.71	1.44	10
11	4.41	5.99	10.67	-1.57	13.99	.72	11
12	4.41	5.78	10.33	-1.37	13.23	.76	12
13	4.62	6.60	11.22	-1.98	13.43	1.68	13
14	4.51	6.57	11.08	-2.12	12.75	.24	14
15	4.86	6.98	11.83	-2.26	12.67	.92	15
16	4.65	6.64	11.29	-2.19	13.39	1.32	16
17	4.48	6.40	10.88	-1.92	13.71	.92	17
18	4.48	7.35	11.83	-2.87	15.19	2.00	18
19	4.48	6.60	11.08	-2.12	14.87	1.04	19
20	4.48	6.81	11.29	-2.33	14.91	1.00	20
21	5.16	9.00	14.16	-3.83	15.99	2.16	21
22	4.75	7.08	11.83	-2.33	14.47	1.04	22
23	4.48	5.92	10.47	-1.44	11.35	.64	23
24	4.84	5.95	10.81	-1.57	9.51	.64	24
25	5.23	7.70	12.93	-2.53	14.71	1.20	25
26	4.93	8.35	13.27	-3.42	14.23	1.20	26
27	4.89	7.90	12.79	-3.08	13.83	1.20	27
28	4.38	5.75	10.12	-1.37	13.03	.64	28
29	4.41	2.84	7.25	1.30	12.91	.52	29
30	4.04	2.33	6.36	1.71	13.07	.44	30
31	4.00	2.43	6.43	1.50	12.91	.52	31
32	4.21	2.91	7.18	1.30	12.87	.56	32
33	4.17	3.15	7.39	1.02	13.15	.60	33
34	4.45	4.24	8.69	.14	13.67	.80	34
35	6.02	4.93	10.95	-.07	15.71	2.68	35
36	4.24	4.99	9.30	-.82	14.87	.96	36
37	4.24	4.86	9.10	-.62	14.79	.96	37
38	4.72	4.45	9.17	-.27	13.59	1.04	38
39	3.73	2.50	6.23	1.16	11.63	.52	39
40	4.55	3.32	7.87	1.16	11.95	2.04	40
41	4.48	3.04	7.87	1.37	11.55	1.32	41
42	4.84	7.32	12.18	-2.74	11.35	1.04	42
43	4.48	7.08	11.83	-2.74	13.91	2.00	43
44	4.58	3.69	8.28	.55	13.07	2.04	44
45	3.66	2.36	6.64	1.30	14.23	.32	45
46	3.28	2.53	6.64	.75	13.15	1.00	46
47	3.56	5.88	9.44	-2.60	13.23	1.72	47

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TSGW 24300 TOCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
48	3.08	5.68	8.89	-2.67	13.19	.80	48
49	3.25	6.60	9.85	-3.49	14.51	1.00	49
50	3.56	7.46	11.29	-4.04	14.59	1.72	50

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TGW 24300 TCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
1	11.58	2.56	959.00	1668.00	10270.00	6388.00	1
2	13.32	2.58	1111.00	2123.00	17350.00	11740.00	2
3	14.03	2.56	807.50	1820.00	11820.00	7597.00	3
4	12.85	3.05	958.50	2275.00	13030.00	9841.00	4
5	14.39	3.13	959.00	2881.00	14760.00	11220.00	5
6	14.24	3.57	1262.00	4094.00	15100.00	17780.00	6
7	14.81	2.92	1262.00	1971.00	15970.00	8978.00	7
8	15.02	3.60	2020.00	5762.00	17350.00	25210.00	8
9	14.31	3.10	807.00	2426.00	14760.00	10530.00	9
10	13.51	2.82	1565.00	1971.00	18900.00	9841.00	10
11	13.66	2.97	1111.00	1517.00	17350.00	8287.00	11
12	13.24	3.02	807.00	2123.00	18210.00	12600.00	12
13	13.12	2.69	807.00	2123.00	17350.00	10010.00	13
14	13.48	2.01	959.00	1668.00	15100.00	6734.00	14
15	13.43	2.48	504.00	2426.00	14580.00	10360.00	15
16	13.38	1.59	807.00	1516.00	18210.00	9496.00	16
17	13.82	.99	807.00	1516.00	14580.00	6216.00	17
18	14.55	1.51	352.00	2881.00	17000.00	13120.00	18
19	15.65	2.61	655.50	2578.00	18210.00	11910.00	19
20	15.20	2.22	49.00	2578.00	17870.00	12600.00	20
21	14.73	2.64	655.50	5611.00	14760.00	25380.00	21
22	14.78	1.75	807.50	1820.00	15620.00	8978.00	22
23	12.12	2.32	958.50	2578.00	12690.00	10190.00	23
24	11.05	2.35	1566.00	3791.00	13380.00	13980.00	24
25	14.68	2.74	2475.00	3791.00	18380.00	14160.00	25
26	14.45	2.19	655.50	5914.00	15100.00	26760.00	26
27	14.24	1.98	504.00	3639.00	15100.00	18130.00	27
28	13.40	2.76	1262.00	1971.00	14760.00	9150.00	28
29	13.09	3.34	352.50	3791.00	12170.00	14500.00	29
30	13.09	3.34	655.50	3185.00	12170.00	13470.00	30
31	13.30	3.65	958.50	3488.00	14070.00	11910.00	31
32	13.51	3.70	1111.00	4246.00	13200.00	11740.00	32
33	13.74	3.78	49.00	3791.00	15450.00	13980.00	33
34	14.11	3.99	200.50	3943.00	16480.00	16060.00	34
35	14.42	3.99	504.00	5155.00	23560.00	24170.00	35
36	15.78	4.20	200.50	2730.00	14410.00	10880.00	36
37	14.65	4.23	200.50	3943.00	13380.00	13640.00	37
38	14.34	4.38	655.50	5914.00	15280.00	16920.00	38
39	11.60	3.37	2021.00	4246.00	14410.00	13980.00	39
40	10.04	3.52	958.50	3488.00	14410.00	13980.00	40
41	14.68	3.42	2020.00	4549.00	20630.00	15710.00	41
42	14.65	3.34	1717.00	5762.00	14070.00	25720.00	42
43	14.34	3.55	503.50	5459.00	17170.00	25030.00	43
44	11.74	2.37	49.00	1668.00	17520.00	12600.00	44
45	12.62	2.45	655.50	1972.00	10610.00	8460.00	45
46	11.37	2.40	352.00	1668.00	13720.00	7424.00	46
47	12.91	2.01	-103.00	2426.00	14410.00	9495.00	47

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TSGW 24300 TSCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	39030SDY	39030ALT	49150SDY	49150ALT	49710SDY	49710ALT	EVENT
48	14.18	2.61	49.00	1971.00	12690.00	6043.00	48
49	15.70	2.66	504.00	2123.00	14240.00	8978.00	49
50	15.62	2.74	655.50	2275.00	18380.00	13470.00	50

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TCGW 24300 TCCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
1	2283.00	2327.00	2204.00	2030.00	-2335.00	2688.00	1
2	3058.00	3336.00	2205.00	2577.00	-3763.00	3443.00	2
3	4144.00	3026.00	2673.00	2186.00	-3343.00	3024.00	3
4	3058.00	3336.00	2322.00	3318.00	-3763.00	4787.00	4
5	4571.00	4228.00	2595.00	3591.00	-3217.00	6173.00	5
6	4416.00	6167.00	4274.00	5504.00	-3176.00	8483.00	6
7	5036.00	2832.00	3376.00	3435.00	-5527.00	5123.00	7
8	5269.00	6711.00	3883.00	8081.00	-1706.00	9869.00	8
9	5153.00	4654.00	3571.00	3318.00	-5149.00	4745.00	9
10	4881.00	2987.00	3376.00	3513.00	-5526.00	6383.00	10
11	4881.00	2677.00	3766.00	3279.00	-5191.00	4871.00	11
12	3795.00	2909.00	3805.00	4489.00	-4267.00	6551.00	12
13	3524.00	3025.00	2205.00	4529.00	-3763.00	6887.00	13
14	4261.00	2443.00	2985.00	4138.00	-4771.00	5963.00	14
15	3911.00	3724.00	2243.00	5036.00	-5064.00	7265.00	15
16	4455.00	2715.00	3025.00	4412.00	-5023.00	5543.00	16
17	4920.00	3103.00	3181.00	4411.00	-5233.00	4493.00	17
18	5269.00	5425.00	3219.00	4841.00	-6030.00	7811.00	18
19	4998.00	5275.00	2868.00	5036.00	-6324.00	5585.00	19
20	4610.00	4965.00	2556.00	5036.00	-5190.00	6971.00	20
21	4144.00	8922.00	3219.00	5856.00	-4813.00	13480.00	21
22	5735.00	3917.00	3259.00	4646.00	-5695.00	5123.00	22
23	3485.00	3917.00	1931.00	4021.00	-4057.00	6509.00	23
24	3252.00	5237.00	1658.00	5543.00	-4141.00	7013.00	24
25	3756.00	4500.00	2400.00	5660.00	-5190.00	8315.00	25
26	3834.00	9776.00	2360.00	5856.00	-5107.00	13940.00	26
27	4416.00	6322.00	2556.00	5738.00	-5527.00	10250.00	27
28	4183.00	2754.00	3063.00	3826.00	-4435.00	6635.00	28
29	3679.00	4111.00	2907.00	5700.00	-4938.00	8315.00	29
30	3369.00	3957.00	2400.00	4645.00	-4393.00	7433.00	30
31	3679.00	3801.00	2907.00	5153.00	-5904.00	6509.00	31
32	3291.00	4422.00	1814.00	5700.00	-6534.00	6803.00	32
33	3562.00	4694.00	3610.00	6793.00	-5905.00	5165.00	33
34	4338.00	5625.00	1892.00	5544.00	-5359.00	6131.00	34
35	4261.00	6943.00	1419.00	6208.00	-6072.00	7769.00	35
36	5075.00	4810.00	2556.00	5660.00	-6198.00	4452.00	36
37	3911.00	5353.00	2434.00	5660.00	-5821.00	4913.00	37
38	5308.00	5198.00	2321.00	6910.00	-6534.00	6383.00	38
39	4106.00	4383.00	2946.00	4802.00	-4309.00	7097.00	39
40	3524.00	5430.00	2517.00	4997.00	-3847.00	5291.00	40
41	3097.00	4926.00	3961.00	5817.00	-5568.00	7601.00	41
42	4200.00	8262.00	3024.00	7066.00	-1537.00	10370.00	42
43	5153.00	7137.00	4781.00	8042.00	-2000.00	9827.00	43
44	4416.00	2986.00	3102.00	2225.00	-3007.00	3276.00	44
45	2593.00	2870.00	1541.00	2849.00	-4099.00	3359.00	45
46	2825.00	2948.00	2127.00	2342.00	-3007.00	2940.00	46
47	3136.00	3801.00	1931.00	4958.00	-3847.00	3359.00	47

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TGW 24300 TOCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
48	3407.00	3608.00	2009.00	5114.00	-3889.00	3569.00	48
49	3330.00	3995.00	2244.00	5114.00	-3469.00	4325.00	49
50	3640.00	4849.00	2400.00	6207.00	-4099.00	5291.00	50

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TSGW 24300 TSCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
1	-3161.00	2482.00	123.00	5222.00	38650.00	6444.00	1
2	-5517.00	2953.00	-2198.00	6963.00	38360.00	7323.00	2
3	-3852.00	3236.00	-1521.00	7447.00	37920.00	8641.00	3
4	-4543.00	4430.00	-650.50	7157.00	39820.00	8495.00	4
5	-5737.00	6126.00	-554.00	10150.00	38360.00	12010.00	5
6	-4041.00	8263.00	2734.00	14800.00	42900.00	20060.00	6
7	-5580.00	3393.00	1381.00	12090.00	39970.00	14500.00	7
8	-2627.00	11060.00	993.50	17120.00	40110.00	20500.00	8
9	-6114.00	3927.00	2638.00	12180.00	40110.00	14350.00	9
10	-5454.00	5090.00	1091.00	11990.00	40990.00	14350.00	10
11	-5862.00	3676.00	897.00	11220.00	41290.00	12890.00	11
12	-4637.00	6095.00	1768.00	10930.00	42600.00	13330.00	12
13	-4166.00	6503.00	1864.00	12190.00	42310.00	14500.00	13
14	-5046.00	4681.00	2541.00	11310.00	43190.00	13030.00	14
15	-4417.00	6189.00	2444.00	12380.00	43480.00	13910.00	15
16	-5611.00	4493.00	3315.00	11510.00	44210.00	12600.00	16
17	-4837.00	3708.00	2831.00	12190.00	43340.00	13180.00	17
18	-7779.00	6472.00	606.50	15960.00	40550.00	18310.00	18
19	-8093.00	4650.00	2251.00	13930.00	42460.00	15820.00	19
20	-7056.00	5749.00	3025.00	15470.00	42020.00	17720.00	20
21	-6177.00	11220.00	3605.00	26300.00	45530.00	31190.00	21
22	-7747.00	4179.00	1381.00	14020.00	41290.00	16110.00	22
23	-3349.00	5247.00	4379.00	10060.00	44950.00	11570.00	23
24	-5171.00	6441.00	4379.00	14310.00	45680.00	17870.00	24
25	-4983.00	7445.00	3411.00	15670.00	42160.00	19040.00	25
26	-5926.00	11370.00	3895.00	23890.00	44500.00	30170.00	26
27	-7150.00	9362.00	1187.00	18860.00	42750.00	22550.00	27
28	-4417.00	6001.00	2058.00	10640.00	42020.00	12740.00	28
29	-4103.00	7446.00	4959.00	12570.00	44510.00	15230.00	29
30	-3883.00	6095.00	2251.00	9864.00	42750.00	11720.00	30
31	-5485.00	4367.00	1864.00	10440.00	42310.00	12740.00	31
32	-5894.00	4838.00	1671.00	11020.00	41720.00	13910.00	32
33	-4711.00	4398.00	1381.00	11890.00	40410.00	14060.00	33
34	-7465.00	4901.00	1768.00	14600.00	40260.00	16550.00	34
35	-7559.00	6817.00	1671.00	17210.00	39970.00	19480.00	35
36	-7591.00	3708.00	2638.00	14890.00	43340.00	16990.00	36
37	-4553.00	4870.00	2251.00	14510.00	42750.00	16990.00	37
38	-4082.00	6472.00	1864.00	16050.00	42460.00	19920.00	38
39	-2564.00	5843.00	3895.00	12280.00	43040.00	14650.00	39
40	-3475.00	6063.00	5733.00	12960.00	44800.00	17870.00	40
41	-5485.00	7006.00	5926.00	13930.00	42600.00	16260.00	41
42	-3978.00	11720.00	993.50	17310.00	41870.00	22550.00	42
43	-2533.00	12030.00	220.00	16340.00	39230.00	18450.00	43
44	-3883.00	2388.00	-166.50	6093.00	35870.00	8055.00	44
45	-4197.00	2891.00	-1328.00	7060.00	39380.00	6884.00	45
46	-4135.00	2513.00	-1037.00	5609.00	39230.00	5859.00	46
47	-5297.00	2922.00	3411.00	10440.00	43920.00	12600.00	47

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TSGW 24300 TSCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
48	-5297.00	2545.00	4088.00	13440.00	44650.00	15960.00	48
49	-4920.00	3236.00	3218.00	14890.00	44070.00	18010.00	49
50	-4574.00	3896.00	4185.00	18370.00	44650.00	22700.00	50

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TSGW 24300 TSCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
1	34550.00	7360.00	10.97	871.00	-81.25	566.30	1
2	33240.00	7360.00	-49.13	1051.00	128.50	650.20	2
3	34710.00	7196.00	101.10	901.10	-102.30	671.20	3
4	36190.00	8668.00	-319.40	1201.00	-39.31	650.30	4
5	33570.00	12270.00	-19.09	2102.00	-731.50	1846.00	5
6	36510.00	19790.00	-409.50	2673.00	-731.50	2307.00	6
7	35700.00	13740.00	-109.20	1352.00	-458.80	1070.00	7
8	35040.00	23550.00	-709.90	3094.00	-1319.00	2727.00	8
9	37990.00	13740.00	-79.13	1382.00	-626.60	1280.00	9
10	34880.00	13900.00	101.10	1442.00	-353.90	1259.00	10
11	35370.00	12100.00	131.10	1231.00	-395.90	1091.00	11
12	34350.00	12760.00	411.70	1292.00	-270.00	1175.00	12
13	37660.00	13410.00	341.30	1442.00	-353.90	1300.00	13
14	36840.00	10630.00	191.20	1592.00	-542.70	1363.00	14
15	35860.00	12270.00	191.20	1772.00	-647.60	1594.00	15
16	36190.00	9977.00	101.10	1862.00	-605.70	1552.00	16
17	34880.00	10300.00	161.20	2102.00	-689.50	1804.00	17
18	31930.00	15210.00	221.20	2403.00	-647.60	2098.00	18
19	34710.00	12760.00	371.40	2853.00	-668.60	2412.00	19
20	34060.00	13080.00	341.30	2823.00	-668.60	2328.00	20
21	35370.00	28790.00	-590.50	5437.00	-1718.00	4426.00	21
22	33240.00	13250.00	221.20	2283.00	-689.50	1972.00	22
23	37170.00	10630.00	341.30	1442.00	-228.10	1259.00	23
24	36680.00	15050.00	491.50	2133.00	-542.70	1615.00	24
25	33730.00	16360.00	131.10	1952.00	-437.80	1846.00	25
26	35860.00	25680.00	-950.20	4836.00	-1592.00	3797.00	26
27	33570.00	18480.00	71.03	2913.00	-920.30	2454.00	27
28	34020.00	12430.00	761.80	1201.00	-249.10	1154.00	28
29	38970.00	16360.00	791.90	1292.00	-102.30	1259.00	29
30	37330.00	12760.00	581.60	1262.00	-291.00	1238.00	30
31	35040.00	12430.00	341.30	1502.00	-437.80	1342.00	31
32	34060.00	12100.00	221.20	1982.00	-542.70	1741.00	32
33	33410.00	12430.00	251.30	2012.00	-563.70	1720.00	33
34	32750.00	12430.00	221.20	2463.00	-647.60	2098.00	34
35	31120.00	14720.00	161.20	2523.00	-689.60	2098.00	35
36	35700.00	15050.00	431.50	3094.00	-689.60	2475.00	36
37	35040.00	14390.00	311.30	2913.00	-668.60	2370.00	37
38	34060.00	16030.00	-79.13	2703.00	-794.40	2077.00	38
39	39620.00	14720.00	791.90	1892.00	-249.10	1489.00	39
40	34350.00	17010.00	882.00	2102.00	-479.80	1552.00	40
41	37000.00	15050.00	821.90	2223.00	-479.80	1762.00	41
42	36840.00	24040.00	-1070.00	3695.00	-1361.00	2937.00	42
43	34060.00	21590.00	101.10	3424.00	-1151.00	2601.00	43
44	33570.00	8014.00	882.00	901.10	128.50	608.30	44
45	35210.00	7360.00	281.30	780.90	-102.20	503.40	45
46	34220.00	7033.00	411.70	750.90	-60.28	461.50	46
47	36350.00	11450.00	-79.16	2523.00	-458.80	2035.00	47

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TSGW 24300 TBCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
48	27170.00	14230.00	71.03	2913.00	-437.80	2349.00	48
49	26350.00	16680.00	281.30	3184.00	-479.80	2475.00	49
50	25040.00	21590.00	281.30	3484.00	-605.70	2643.00	50

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TSGW 24300 TSCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
1	178.30	363.70	899.80	175.80	900.80	166.00	1
2	-37.28	444.50	876.90	229.40	946.00	211.30	2
3	-10.34	417.60	808.00	175.80	923.40	203.70	3
4	-37.28	714.00	861.60	229.40	961.20	301.80	4
5	-643.50	1617.00	762.20	252.30	908.30	384.80	5
6	-939.80	2128.00	800.40	443.50	931.00	528.20	6
7	-10.34	848.70	739.30	229.40	1044.00	324.50	7
8	-1021.00	2586.00	708.70	581.10	689.50	664.00	8
9	-522.30	1388.00	731.60	252.30	1037.00	316.90	9
10	43.54	983.40	739.20	214.10	1059.00	399.90	10
11	-118.10	794.80	762.20	160.60	1037.00	316.90	11
12	70.50	929.50	800.40	244.70	1022.00	407.50	12
13	70.50	1010.00	777.40	252.30	1006.00	437.70	13
14	-77.69	942.90	808.00	175.80	1006.00	377.30	14
15	-23.81	1105.00	853.90	252.30	1052.00	452.80	15
16	-91.19	983.40	823.30	160.60	1044.00	354.70	16
17	-131.60	1105.00	792.80	160.60	1044.00	294.30	17
18	-158.50	1805.00	746.90	313.50	1089.00	505.60	18
19	30.09	1455.00	769.80	290.60	1097.00	362.20	19
20	16.63	1334.00	800.40	244.70	1044.00	460.30	20
21	-872.50	3112.00	723.90	596.40	1022.00	860.20	21
22	-37.28	1172.00	739.20	198.80	1067.00	332.00	22
23	57.03	889.10	892.20	244.70	976.20	407.50	23
24	-145.00	1226.00	961.00	328.80	983.80	460.30	24
25	-118.10	1334.00	823.30	313.50	1014.00	520.70	25
26	-966.80	2694.00	739.20	627.00	1029.00	913.00	26
27	-454.90	1967.00	746.90	359.40	1082.00	664.00	27
28	83.97	889.10	777.50	237.00	998.90	415.00	28
29	-77.69	1078.00	838.60	328.80	1014.00	520.70	29
30	-23.78	943.00	899.80	282.90	998.90	460.30	30
31	-23.78	969.90	869.20	252.30	1082.00	407.50	31
32	-198.90	1253.00	853.90	313.50	1112.00	422.60	32
33	-118.10	1145.00	838.60	313.50	1067.00	332.00	33
34	-239.30	1374.00	785.10	367.00	1052.00	392.40	34
35	-50.75	1590.00	762.20	435.80	1082.00	482.90	35
36	-91.16	1361.00	792.80	298.20	1029.00	294.30	36
37	-131.60	1374.00	808.00	313.50	1074.00	324.50	37
38	-414.40	1765.00	846.30	321.10	1112.00	407.40	38
39	16.59	1253.00	823.30	359.30	961.20	437.70	39
40	70.50	1091.00	899.80	298.20	1014.00	354.70	40
41	-266.30	1643.00	762.20	374.70	1014.00	475.40	41
42	-1061.00	2519.00	647.50	611.70	787.60	671.60	42
43	-1317.00	2371.00	708.70	581.10	825.30	633.80	43
44	70.47	417.60	853.90	206.40	900.80	211.30	44
45	151.30	390.70	907.40	214.10	953.60	218.80	45
46	57.00	404.10	876.80	214.10	885.70	181.10	46
47	3.13	1132.00	869.20	237.00	968.70	218.80	47

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AIRCRAFT SLP1 FLIGHT 143
TCGW 24300 TCCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
48	-23.81	1293.00	831.00	214.10	938.50	249.00	48
49	-91.16	1414.00	800.40	260.00	915.90	286.80	49
50	-118.10	1522.00	785.10	275.30	938.50	339.60	50

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AIRCRAFT SLP1 FLIGHT 143
TCGW 24300 TBCR 1.5 AFT FLIGHT DATE 09/02/77

EVENT	49860SDY	69860ALT	EVENT
1	15860.00	3043.00	1
2	-1847.00	4980.00	2
3	-6965.00	4565.00	3
4	-878.50	5395.00	4
5	-9731.00	6501.00	5
6	9772.00	9406.00	6
7	-6826.00	8575.00	7
8	17380.00	12030.00	8
9	-11670.00	5671.00	9
10	-2953.00	8299.00	10
11	-2815.00	6501.00	11
12	4101.00	7054.00	12
13	6591.00	7884.00	13
14	5207.00	7884.00	14
15	5761.00	8991.00	15
16	4516.00	8022.00	16
17	-325.50	8991.00	17
18	-4965.00	10930.00	18
19	-7794.00	10650.00	19
20	10460.00	10100.00	20
21	-6964.00	14520.00	21
22	-4890.00	10240.00	22
23	19450.00	7193.00	23
24	29970.00	8299.00	24
25	18070.00	10510.00	25
26	-4060.00	13000.00	26
27	-1847.00	13000.00	27
28	3686.00	7192.00	28
29	6033.00	8161.00	29
30	4239.00	7192.00	30
31	6176.00	7193.00	31
32	5622.00	8022.00	32
33	3543.00	8438.00	33
34	1883.00	9544.00	34
35	228.00	9820.00	35
36	-5028.00	10370.00	36
37	-5443.00	9959.00	37
38	2718.00	10650.00	38
39	15440.00	7884.00	39
40	27480.00	7193.00	40
41	4314.00	9820.00	41
42	-4336.00	11900.00	42
43	9495.00	10240.00	43
44	643.00	4426.00	44
45	-3645.00	4288.00	45
46	3410.00	4703.00	46
47	11850.00	7884.00	47

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 143
TSGW 24300 TSCG 1.5 AFT FLIGHT DATE 09/02/77

EVENT	A9860SDY	69860ALT	EVENT
48	4931.00	9267.00	48
49	3645.00	10100.00	49
50	7518.00	12310.00	50

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 151
TGW 20800 TCG 9.7 AFT FLIGHT DATE 09/13/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.66	6.13	10.78	-1.88	15.28	.81	2
3	4.38	6.60	10.99	-2.49	13.42	1.86	3
4	4.52	6.88	11.40	-2.36	12.74	.85	4
5	4.11	6.47	10.65	-2.36	13.10	.81	5
6	4.52	6.81	11.33	-2.43	13.34	.97	6
7	4.21	6.77	10.99	-2.56	14.56	1.05	7
8	4.45	7.02	11.47	-2.56	15.12	1.05	8
9	4.76	9.03	13.79	-4.27	15.12	1.37	9
10	5.65	9.31	14.96	-4.00	14.96	1.70	10
11	5.27	8.59	13.86	-3.73	14.48	1.38	11
12	5.62	9.27	14.89	-3.86	14.23	1.62	12
13	4.49	7.25	11.74	-2.97	12.05	.89	13
14	4.35	7.32	11.74	-2.97	12.74	.93	14
15	4.28	7.60	11.88	-3.31	13.14	.93	15
16	4.32	7.56	11.88	-3.31	14.35	1.09	16
17	4.04	7.36	11.40	-3.31	14.07	.97	17
18	5.44	9.92	15.37	-4.48	14.31	1.70	18
19	5.03	9.44	14.48	-4.48	14.84	1.50	19
20	5.68	10.16	15.85	-4.48	14.23	1.46	20
21	4.28	6.77	11.13	-2.49	12.17	.77	21
22	3.97	2.50	6.47	1.34	12.53	.40	22
23	3.73	2.46	6.27	1.27	13.75	1.38	23
24	4.15	3.15	7.29	.93	13.22	.53	24
25	4.21	3.76	7.98	.45	13.38	.61	25
26	4.08	4.24	8.32	-.17	13.87	.77	26
27	4.52	6.74	11.26	-2.29	15.61	1.13	27
28	4.35	6.30	10.65	-1.95	15.44	2.34	28
29	6.37	4.76	11.13	-.24	15.49	2.30	29

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AIRCRAFT SLP1 FLIGHT 151
TGW 20800 TBCR 9.7 AFT FLIGHT DATE 09/13/77

EVENT	39030SDY	39030ALT	49710SDY	49710ALT	EVENT
2	13.55	3.20	15550.00	6196.00	2
3	12.52	2.40	14690.00	7056.00	3
4	13.12	1.86	15890.00	6884.00	4
5	13.21	1.20	14000.00	4647.00	5
6	13.64	1.23	14860.00	6540.00	6
7	15.38	2.29	15200.00	5163.00	7
8	15.76	2.43	15890.00	5507.00	8
9	15.18	2.38	15200.00	16180.00	9
10	14.61	3.18	17780.00	27360.00	10
11	15.93	3.63	16920.00	27190.00	11
12	15.15	3.43	16410.00	29080.00	12
13	13.30	2.43	15380.00	8777.00	13
14	13.90	1.49	13650.00	5679.00	14
15	14.21	1.00	15720.00	7745.00	15
16	15.35	.94	16060.00	7745.00	16
17	15.13	1.46	15030.00	6023.00	17
18	13.95	2.92	12620.00	25300.00	18
19	14.30	3.15	15890.00	23750.00	19
20	14.10	3.63	13650.00	27020.00	20
21	12.95	2.09	14000.00	8433.00	21
22	13.18	4.38	12790.00	9637.00	22
23	13.35	4.32	12280.00	8433.00	23
24	14.04	4.55	13650.00	10150.00	24
25	14.44	4.72	14690.00	10150.00	25
26	15.07	4.83	15890.00	9638.00	26
27	17.21	4.98	16410.00	20820.00	27
28	15.30	5.41	11760.00	32010.00	28
29	15.47	5.12	22780.00	23400.00	29

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 151
TCGW 20800 TCCR 9.7 AFT FLIGHT DATE 09/13/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
2	5606.00	2871.00	3246.00	2495.00	-5737.00	3777.00	2
3	6149.00	3724.00	2700.00	4210.00	-3135.00	5540.00	3
4	4830.00	2793.00	2973.00	4483.00	-4604.00	5078.00	4
5	4558.00	3065.00	2817.00	4327.00	-4982.00	3778.00	5
6	4985.00	3957.00	2739.00	4951.00	-5695.00	4323.00	6
7	5412.00	3840.00	2310.00	5380.00	-5275.00	3819.00	7
8	5296.00	4267.00	2622.00	5614.00	-5065.00	4113.00	8
9	4287.00	8069.00	2427.00	5653.00	-5275.00	10370.00	9
10	4947.00	9738.00	2115.00	6978.00	-6661.00	13260.00	10
11	3511.00	11330.00	2115.00	6199.00	-5359.00	12800.00	11
12	3395.00	11060.00	1569.00	6978.00	-6450.00	13890.00	12
13	4597.00	2948.00	2544.00	4210.00	-4310.00	5708.00	13
14	4714.00	3064.00	3129.00	4093.00	-4730.00	5036.00	14
15	5140.00	3569.00	3129.00	4093.00	-5149.00	4952.00	15
16	5296.00	3646.00	3129.00	4171.00	-5569.00	4281.00	16
17	5063.00	3491.00	2895.00	4171.00	-5149.00	3777.00	17
18	4210.00	9001.00	2427.00	6042.00	-5318.00	12170.00	18
19	4287.00	9854.00	3090.00	5146.00	-4604.00	12210.00	19
20	4481.00	9660.00	2583.00	5886.00	-6115.00	13220.00	20
21	4364.00	3181.00	2700.00	3898.00	-4352.00	4910.00	21
22	3860.00	3530.00	2271.00	4639.00	-5653.00	5959.00	22
23	3899.00	3026.00	2349.00	4327.00	-5065.00	5288.00	23
24	4132.00	3724.00	2388.00	4678.00	-5233.00	4449.00	24
25	4636.00	4073.00	2427.00	4639.00	-5611.00	4490.00	25
26	5024.00	3996.00	2739.00	4873.00	-5233.00	4197.00	26
27	4015.00	8884.00	1959.00	5419.00	-5695.00	9443.00	27
28	1920.00	11600.00	789.50	7291.00	-6576.00	11580.00	28
29	5645.00	5702.00	2193.00	5575.00	-5611.00	7344.00	29

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 151
TGW 20800 TCG 9.7 AFT FLIGHT DATE 09/13/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-4394.00	2730.00	790.50	9475.00	38810.00	10960.00	2
3	-4073.00	3922.00	3470.00	10050.00	42170.00	11110.00	3
4	-5453.00	3859.00	3470.00	11580.00	43050.00	12860.00	4
5	-6300.00	3075.00	3662.00	10620.00	42900.00	11550.00	5
6	-7461.00	3420.00	2992.00	13400.00	42610.00	14760.00	6
7	-6802.00	3075.00	2801.00	14360.00	42610.00	15350.00	7
8	-7274.00	2981.00	3375.00	15700.00	42760.00	18420.00	8
9	-8528.00	8879.00	408.00	20960.00	39250.00	26310.00	9
10	-8496.00	10290.00	3757.00	29090.00	45240.00	33760.00	10
11	-8151.00	10130.00	3279.00	26320.00	44800.00	32740.00	11
12	-7900.00	11950.00	4714.00	30630.00	40860.00	33180.00	12
13	-4512.00	4236.00	4045.00	11390.00	46990.00	12420.00	13
14	-5673.00	3890.00	3853.00	11960.00	46850.00	12570.00	14
15	-7116.00	3828.00	3088.00	12150.00	45530.00	13300.00	15
16	-7304.00	3326.00	2035.00	12250.00	43920.00	13450.00	16
17	-6645.00	2981.00	2609.00	11680.00	45090.00	12860.00	17
18	-6645.00	9256.00	3183.00	25840.00	49330.00	28790.00	18
19	-4833.00	9695.00	3087.00	23260.00	47290.00	27920.00	19
20	-5799.00	10230.00	2130.00	23830.00	51520.00	26300.00	20
21	-4794.00	3577.00	3853.00	10050.00	45390.00	10820.00	21
22	-5234.00	4267.00	3279.00	9858.00	45090.00	12280.00	22
23	-5704.00	3797.00	1939.00	9283.00	44510.00	11110.00	23
24	-6143.00	3734.00	2513.00	11390.00	43930.00	13150.00	24
25	-6614.00	3702.00	2705.00	11390.00	43630.00	13740.00	25
26	-6551.00	3765.00	3087.00	12540.00	45090.00	14620.00	26
27	-6865.00	7593.00	3757.00	21630.00	44800.00	25140.00	27
28	-7963.00	11080.00	-1220.00	22780.00	39540.00	24850.00	28
29	-6583.00	6306.00	3088.00	15600.00	45090.00	18710.00	29

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 151
TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 09/13/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	32770.00	9802.00	-313.70	1171.00	-447.10	1006.00	2
3	36710.00	8822.00	-343.70	1562.00	-510.00	1363.00	3
4	35080.00	9802.00	-373.80	1892.00	-593.80	1572.00	4
5	34750.00	8495.00	-343.70	2042.00	-614.80	1761.00	5
6	34420.00	11110.00	-193.50	2433.00	-384.20	2201.00	6
7	35570.00	12250.00	-13.34	3094.00	-635.80	2411.00	7
8	35240.00	15850.00	196.90	3244.00	-510.00	2411.00	8
9	33280.00	21400.00	-794.20	3154.00	-1202.00	2767.00	9
10	37360.00	34300.00	-1516.00	6398.00	-2439.00	5850.00	10
11	37520.00	28910.00	-1786.00	6308.00	873.40	4843.00	11
12	43240.00	32020.00	-1095.00	6518.00	-2439.00	5304.00	12
13	39650.00	9149.00	467.20	1772.00	-468.00	1447.00	13
14	38020.00	9475.00	407.20	2012.00	-551.90	1698.00	14
15	38020.00	10130.00	587.40	2072.00	-593.80	1782.00	15
16	37040.00	10780.00	767.60	2313.00	-593.80	1950.00	16
17	37690.00	9802.00	827.70	2373.00	-551.90	2034.00	17
18	42100.00	28910.00	-584.50	6008.00	-1558.00	5137.00	18
19	40300.00	23200.00	-464.50	6128.00	-1999.00	5074.00	19
20	42260.00	22540.00	256.50	4986.00	-1957.00	4570.00	20
21	37850.00	8659.00	827.70	1592.00	-468.10	1405.00	21
22	39320.00	10780.00	977.80	1562.00	-384.20	1447.00	22
23	38180.00	9965.00	1068.00	1352.00	-363.20	1300.00	23
24	36870.00	11600.00	917.80	1802.00	-405.20	1509.00	24
25	37360.00	11110.00	887.70	2133.00	-216.50	1908.00	25
26	38510.00	12250.00	1218.00	2283.00	-384.20	1950.00	26
27	36220.00	21730.00	707.10	4475.00	1460.00	4256.00	27
28	34750.00	19400.00	-254.00	4956.00	-1517.00	3585.00	28
29	36870.00	15520.00	1248.00	2373.00	1209.00	3585.00	29

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AIRCRAFT SLP1 FLIGHT 151
TOW 20800 TCG 9.7 AFT FLIGHT DATE 09/13/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	-68.47	753.40	719.10	153.00	1034.00	248.50	2
3	-14.66	888.00	1010.00	290.70	950.70	316.30	3
4	-41.59	995.60	795.60	168.30	980.80	316.30	4
5	-108.80	1090.00	810.90	137.70	1003.00	233.50	5
6	-68.50	1184.00	772.60	175.90	1049.00	278.70	6
7	-41.56	1399.00	726.70	175.90	1011.00	256.10	7
8	-81.94	1413.00	726.70	191.20	1011.00	271.10	8
9	-821.90	1991.00	657.90	382.40	1131.00	677.90	9
10	-1064.00	3283.00	742.00	665.40	1139.00	866.20	10
11	-768.10	2583.00	765.00	657.80	1049.00	836.00	11
12	-485.70	3619.00	711.40	696.00	1116.00	933.90	12
13	25.69	982.10	879.70	206.50	988.30	338.90	13
14	-55.03	1090.00	895.00	145.30	995.90	316.30	14
15	-108.80	1090.00	856.80	153.00	1026.00	301.30	15
16	-68.50	1184.00	810.90	168.30	1034.00	278.70	16
17	-95.41	1157.00	826.20	153.00	1011.00	241.00	17
18	-848.80	2556.00	833.80	634.80	1049.00	790.80	18
19	-781.50	3081.00	765.00	611.90	1018.00	790.80	19
20	-404.80	2973.00	818.50	696.00	1064.00	821.00	20
21	-68.47	888.00	841.50	214.20	943.20	308.80	21
22	-135.80	982.10	918.00	214.20	1041.00	376.60	22
23	-28.09	901.40	879.70	206.50	1018.00	338.90	23
24	-108.80	1036.00	872.10	244.80	1034.00	278.70	24
25	-81.94	1171.00	856.80	244.80	995.90	271.10	25
26	-14.66	1211.00	826.20	229.50	1018.00	263.60	26
27	-727.70	2032.00	803.20	543.00	1003.00	625.20	27
28	-1024.00	2220.00	879.70	803.10	1109.00	775.80	28
29	52.59	1520.00	826.20	351.80	1056.00	466.90	29

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AIRCRAFT SLP1 FLIGHT 151
TGW 20800 TCG 9.7 AFT FLIGHT DATE 09/13/77

EVENT	A9860SDY	69860ALT	EVENT
2	-9647.00	7190.00	2
3	10960.00	7605.00	3
4	7085.00	8712.00	4
5	5010.00	8020.00	5
6	4457.00	9679.00	6
7	-3425.00	10920.00	7
8	-7020.00	10920.00	8
9	-9094.00	12720.00	9
10	-6605.00	16040.00	10
11	-4329.00	13550.00	11
12	-2319.00	15350.00	12
13	9712.00	8574.00	13
14	5702.00	8712.00	14
15	3074.00	9126.00	15
16	-5084.00	9818.00	16
17	-3287.00	9403.00	17
18	-4531.00	16180.00	18
19	-8956.00	14240.00	19
20	-6329.00	15210.00	20
21	9297.00	7329.00	21
22	8052.00	6914.00	22
23	4116.00	6637.00	23
24	3904.00	7743.00	24
25	2383.00	8158.00	25
26	308.50	8850.00	26
27	-12270.00	11480.00	27
28	4181.00	12440.00	28
29	308.50	10230.00	29

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 161
TGGW 20800 TCG 22.4 FWD FLIGHT DATE 09/30/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	3.53	3.39	6.92	.14	13.00	.50	2
3	3.50	5.23	8.72	-1.73	11.50	.50	3
4	3.46	5.95	9.41	-2.49	11.50	.50	4
5	3.43	5.78	9.21	-2.35	12.50	.75	5
6	3.43	5.85	9.41	-2.42	13.50	1.00	6
7	3.70	6.61	10.31	-2.97	14.00	1.00	7
8	5.81	8.03	13.84	-2.97	14.00	1.00	8
9	3.91	6.89	10.80	-3.11	12.22	1.09	9

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 161

TGW 20800 TCG 22.4 FWD FLIGHT DATE 09/30/77

EVENT	39030SDY	39030ALT	69150SDY	69150ALT	49710SDY	49710ALT	EVENT
2	12.57	2.79	-1598.00	1720.00	14000.00	7000.00	2
3	11.39	2.57	-1910.00	1407.00	14000.00	7000.00	3
4	11.95	1.50	-1754.00	1251.00	14000.00	7000.00	4
5	13.65	1.61	-1911.00	1720.00	14000.00	7000.00	5
6	14.66	2.57	-2223.00	1720.00	14000.00	6000.00	6
7	15.54	2.71	-1598.00	1720.00	14000.00	7000.00	7
8	15.31	3.05	-1442.00	2189.00	14000.00	10000.00	8
9	13.50	3.55	-3004.00	4064.00	14000.00	20000.00	9

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 161
TGW 20800 TCG 22.4 FWD FLIGHT DATE 09/30/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
2	3500.00	2500.00	2269.00	3849.00	-3129.00	5046.00	2
3	4077.00	2663.00	2309.00	3024.00	-4000.00	4500.00	3
4	4038.00	2937.00	2309.00	4124.00	-4000.00	3500.00	4
5	5761.00	4974.00	2309.00	4595.00	-4000.00	4000.00	5
6	5000.00	3500.00	2387.00	5224.00	-3000.00	3500.00	6
7	4500.00	5000.00	2152.00	5695.00	-3000.00	4000.00	7
8	4000.00	6000.00	3565.00	7659.00	-4054.00	5719.00	8
9	5878.00	7677.00	1012.00	6756.00	-900.00	8284.00	9

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 161
TSGW 20800 TCG 22.4 FWD FLIGHT DATE 09/30/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-5000.00	5000.00	4000.00	9000.00	44530.00	11230.00	2
3	-3000.00	3500.00	2954.00	8171.00	44090.00	9311.00	3
4	-3000.00	3500.00	4108.00	8748.00	44530.00	9754.00	4
5	-5000.00	3000.00	4000.00	11000.00	44680.00	11380.00	5
6	-5000.00	3000.00	4000.00	11000.00	44680.00	14930.00	6
7	-5000.00	4000.00	4685.00	15670.00	44530.00	18620.00	7
8	-4500.00	4500.00	4973.00	18070.00	43790.00	22310.00	8
9	1183.00	9998.00	7665.00	14420.00	42460.00	16550.00	9

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 161
TGW 20800 TCG 22.4 FWD FLIGHT DATE 09/30/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	38000.00	10000.00	1515.00	1254.00	400.00	700.00	2
3	38000.00	8000.00	1724.00	1642.00	100.00	1000.00	3
4	36000.00	8000.00	1485.00	2119.00	-200.00	1400.00	4
5	36000.00	10000.00	1306.00	2418.00	-200.00	2000.00	5
6	36000.00	11000.00	1335.00	2865.00	-200.00	2300.00	6
7	38000.00	16000.00	1485.00	3133.00	0.00	2600.00	7
8	56000.00	18000.00	1574.00	3283.00	-200.00	2600.00	8
9	33610.00	16700.00	2260.00	2537.00	2593.00	3458.00	9

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 161
TGGW 20800 TCGG 22.4 FWD FLIGHT DATE 09/30/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	170.40	511.90	916.40	214.60	1124.00	458.00	2
3	49.13	740.90	885.80	168.70	1023.00	326.10	3
4	143.40	889.20	970.10	207.00	984.40	256.20	4
5	129.90	1199.00	855.10	230.00	1015.00	225.20	5
6	89.53	1374.00	7000.00	200.00	1000.00	271.70	6
7	8.72	1455.00	7000.00	200.00	1101.00	419.20	7
8	-99.06	1536.00	1185.00	528.90	1093.00	504.60	8
9	-611.00	1563.00	763.10	567.30	751.50	504.60	9

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 161
TOW 20800 TCG 22.4 FWD FLIGHT DATE 09/30/77

EVENT	49860SDY	69860ALT	EVENT
2	4188.00	5136.00	2
3	14460.00	5135.00	3
4	14180.00	6277.00	4
5	6901.00	7846.00	5
6	1338.00	8845.00	6
7	3656.00	10130.00	7
8	2479.00	14840.00	8
9	14320.00	9273.00	9

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CH-46 FOB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 162
TQGW 20800 TQCG 22.4 FWD FLIGHT DATE 10/07/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	3.77	6.06	9.97	-2.63	14.28	1.03	2
3	3.91	6.74	10.65	-2.97	14.57	1.16	3
4	3.63	6.81	10.72	-3.18	14.57	1.16	4
5	3.84	6.68	10.51	-3.18	13.78	1.11	5
6	3.56	7.15	10.72	-3.59	13.91	1.24	6

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 162
TAGW 20800 TBCG 22.4 FWD FLIGHT DATE 10/07/77

EVENT	39030SDY	39030ALT	69150SDY	69150ALT	49710SDY	49710ALT	EVENT
2	15.02	2.82	-2066.00	1714.00	14800.00	9669.00	2
3	15.39	3.25	-2378.00	2337.00	15990.00	12210.00	3
4	14.90	3.92	-2846.00	3117.00	15140.00	17130.00	4
5	14.81	4.19	-2690.00	3272.00	14130.00	18150.00	5
6	14.96	4.89	-2378.00	3895.00	13790.00	18830.00	6

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 162
TORGW 20800 TORG 22.4 FWD FLIGHT DATE 10/07/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
2	4735.00	5133.00	2428.00	5676.00	-4874.00	5035.00	2
3	4250.00	6427.00	2078.00	6104.00	-4416.00	6159.00	3
4	4210.00	8488.00	1262.00	7620.00	-5456.00	8115.00	4
5	3321.00	8731.00	795.50	8476.00	-5539.00	8115.00	5
6	4008.00	10230.00	795.50	9720.00	-5914.00	8989.00	6

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FLIGHT LOADS

CH-4A FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 162
TGGW 20800 TCG 22.4 FWD FLIGHT DATE 10/07/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	-5903.00	4067.00	6078.00	14760.00	48800.00	16600.00	2
3	-5255.00	5145.00	5792.00	17910.00	48260.00	21530.00	3
4	-4485.00	6716.00	6078.00	22000.00	49880.00	25660.00	4
5	-3254.00	7825.00	6744.00	22100.00	47450.00	26820.00	5
6	-2408.00	8164.00	5220.00	26860.00	45660.00	29880.00	6

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 162
TGW 20800 TCG 22.4 FWD FLIGHT DATE 10/07/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	39980.00	15040.00	1905.00	2824.00	-343.20	2393.00	2
3	38670.00	19370.00	1994.00	3206.00	-343.20	2476.00	3
4	39980.00	25940.00	1965.00	3647.00	-447.20	2664.00	4
5	40350.00	27070.00	1906.00	4000.00	-738.50	2830.00	5
6	41110.00	31210.00	1523.00	4559.00	-1009.00	3184.00	6

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 162

TOW 20800 TCG 22.4 FWD FLIGHT DATE 10/07/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	26.84	1379.00	877.60	239.60	996.00	321.50	2
3	-40.16	1473.00	877.60	329.40	965.40	382.70	3
4	-709.80	1982.00	885.10	426.80	1050.00	528.10	4
5	-910.60	2263.00	930.00	456.70	1034.00	512.80	5
6	-1259.00	2531.00	870.10	486.70	1057.00	551.10	6

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 162
TOGW 20800 TOCG 22.4 FWD FLIGHT DATE 10/07/77

EVENT	A9860SDY	A9860ALT	EVENT
2	-3667.00	9559.00	2
3	-6619.00	10540.00	3
4	-5073.00	12450.00	4
5	690.50	12510.00	5
6	2518.00	14900.00	6

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 163
TGGW 21500 TBCG 22.4 FWD FLIGHT DATE 10/04/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
1	3.60	7.61	11.29	-4.01	12.26	.99	1
2	3.32	6.91	11.00	-3.56	12.13	.86	2
3	3.67	7.54	12.49	-4.01	13.98	1.07	3
4	4.17	8.04	12.21	-4.23	13.03	1.33	4
5	4.13	7.93	12.07	-3.80	13.55	1.07	5
6	3.85	7.30	12.14	-3.45	12.56	1.29	6
7	4.77	8.22	12.99	-3.45	13.25	1.38	7
8	3.64	6.30	9.94	-2.74	14.54	.95	8
9	3.74	7.33	11.22	-3.59	13.93	1.29	9
10	3.57	7.44	11.00	-3.37	13.98	1.42	10
11	3.49	7.44	11.00	-3.94	14.06	1.33	11
12	3.57	7.37	10.93	-3.87	13.76	1.29	12
13	3.14	2.62	6.90	.52	12.99	.86	13
14	4.98	3.05	8.03	.73	12.90	1.72	14
15	4.91	2.62	7.53	.59	12.60	1.25	15
16	4.31	3.01	7.32	.80	13.63	.56	16
17	4.31	5.91	10.22	-1.60	13.33	1.89	17
18	3.49	5.95	9.44	-2.45	14.19	.95	18
19	3.42	4.04	7.46	-.83	14.28	.77	19
20	3.32	4.64	7.96	-1.39	15.05	.86	20
21	3.11	4.85	8.10	-1.75	14.71	.86	21
22	3.14	5.74	8.88	-2.60	14.84	1.16	22

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 163
TCGW 21500 TCCG 22.4 FWD FLIGHT DATE 10/04/77

EVENT	39030SDY	39030ALT	69150SDY	69150ALT	49710SDY	49710ALT	EVENT
1	11.92	3.57	-1653.00	2218.00	15250.00	10350.00	1
2	10.96	3.35	-2286.00	2218.00	12530.00	10690.00	2
3	10.84	4.09	-2445.00	2693.00	14570.00	12390.00	3
4	11.95	4.83	-3078.00	2693.00	13890.00	11370.00	4
5	11.73	4.00	-1494.00	3010.00	16780.00	15610.00	5
6	11.55	3.88	-1969.00	2851.00	16250.00	17140.00	6
7	13.74	4.06	-3078.00	7762.00	17790.00	45140.00	7
8	15.27	2.74	-1969.00	1584.00	14570.00	8995.00	8
9	14.78	4.03	-2286.00	3485.00	12530.00	17820.00	9
10	15.02	4.22	-2920.00	4119.00	12360.00	21720.00	10
11	14.93	4.19	-3078.00	3960.00	11520.00	18160.00	11
12	14.90	4.40	-2920.00	4752.00	11350.00	20370.00	12
13	12.14	3.94	-2445.00	1426.00	10670.00	7128.00	13
14	13.36	4.65	-2286.00	1584.00	10160.00	8316.00	14
15	13.58	4.25	-2761.00	1742.00	11680.00	7807.00	15
16	12.41	3.63	-2286.00	1584.00	11510.00	8656.00	16
17	15.15	8.52	-4029.00	2693.00	2131.00	15610.00	17
18	14.69	2.71	-1969.00	1584.00	14060.00	7807.00	18
19	14.87	5.29	-2286.00	1901.00	13720.00	10180.00	19
20	15.73	5.48	-1969.00	1901.00	12870.00	10010.00	20
21	15.12	6.15	-2403.00	3168.00	13720.00	16630.00	21
22	15.12	6.65	-4028.00	5544.00	11520.00	26980.00	22

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 163

TGW 21500 TCG 22.4 FWD FLIGHT DATE 10/04/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
1	3830.00	3995.00	2831.00	4751.00	-6312.00	6752.00	1
2	3400.00	4112.00	2517.00	4908.00	-5645.00	6836.00	2
3	4496.00	4504.00	2714.00	5418.00	-5812.00	8503.00	3
4	3557.00	4426.00	2949.00	4869.00	-6645.00	8753.00	4
5	5123.00	6148.00	829.00	5654.00	-4770.00	11050.00	5
6	5671.00	6384.00	1536.00	5733.00	-7063.00	11420.00	6
7	3556.00	14530.00	613.00	10430.00	-6296.00	13420.00	7
8	4457.00	5170.00	2557.00	5104.00	-4561.00	5085.00	8
9	3674.00	8695.00	1025.00	8913.00	-7562.00	10090.00	9
10	2538.00	9909.00	672.00	9188.00	-6812.00	9003.00	10
11	3713.00	9595.00	515.00	9659.00	-6437.00	9212.00	11
12	2812.00	10500.00	240.00	9698.00	-6812.00	10000.00	12
13	3869.00	3094.00	2557.00	2120.00	-4186.00	3460.00	13
14	4144.00	3759.00	2557.00	2905.00	-4436.00	5377.00	14
15	3517.00	3368.00	2479.00	2591.00	-3144.00	4168.00	15
16	4849.00	3289.00	2832.00	2316.00	-2644.00	3668.00	16
17	1520.00	5836.00	2360.00	2945.00	-3561.00	7419.00	17
18	4575.00	4660.00	2361.00	4986.00	-4561.00	4419.00	18
19	4575.00	4817.00	2439.00	5300.00	-5978.00	5836.00	19
20	4653.00	5835.00	2557.00	5575.00	-4728.00	5085.00	20
21	3987.00	8068.00	2125.00	6715.00	-4936.00	8212.00	21
22	4065.00	11440.00	1359.00	11170.00	-6479.00	12170.00	22

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 163

TGW 21500 TCG 22.4 FWD FLIGHT DATE 10/04/77

EVENT	49750SDY	43750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
1	-5460.00	5604.00	4093.00	11830.00	44930.00	12800.00	1
2	-5556.00	5317.00	6130.00	11740.00	47530.00	12890.00	2
3	-6320.00	6845.00	5645.00	13770.00	45200.00	15390.00	3
4	-4670.00	6049.00	5548.00	14070.00	47800.00	15300.00	4
5	-5365.00	10220.00	7003.00	16300.00	47440.00	17990.00	5
6	-5333.00	9042.00	3414.00	17950.00	45460.00	20670.00	6
7	-6193.00	12320.00	2929.00	28330.00	41980.00	31320.00	7
8	-5938.00	4107.00	5160.00	14450.00	47350.00	16110.00	8
9	-4601.00	7801.00	5451.00	21920.00	47260.00	26040.00	9
10	-7848.00	8373.00	5742.00	21830.00	46270.00	27020.00	10
11	-4505.00	8660.00	5451.00	21730.00	46270.00	27020.00	11
12	-4702.00	9902.00	1861.00	21440.00	44840.00	27560.00	12
13	-3582.00	3088.00	115.50	8634.00	43320.00	8322.00	13
14	-4410.00	4489.00	-2019.00	8246.00	49500.00	9128.00	14
15	-4664.00	4235.00	-757.50	9119.00	42340.00	9307.00	15
16	-4059.00	3694.00	1571.00	6701.00	45650.00	6891.00	16
17	-4123.00	7641.00	2541.00	10860.00	45290.00	9933.00	17
18	-5938.00	3725.00	5063.00	13390.00	46900.00	15480.00	18
19	-5747.00	4171.00	4093.00	12610.00	46630.00	14680.00	19
20	-4919.00	4871.00	5645.00	15130.00	46540.00	18340.00	20
21	-2881.00	6718.00	5839.00	19600.00	46000.00	24430.00	21
22	-4473.00	9583.00	1765.00	23860.00	45650.00	27650.00	22

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 163
TGW 21500 TCG 22.4 FWD FLIGHT DATE 10/04/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
1	37340.00	10600.00	1819.00	2060.00	2065.00	3802.00	1
2	38690.00	10790.00	1257.00	1935.00	2022.00	3845.00	2
3	36570.00	14070.00	1725.00	2341.00	1914.00	3953.00	3
4	37340.00	12910.00	1850.00	2154.00	-2039.00	3111.00	4
5	37730.00	16380.00	1320.00	2435.00	2152.00	3715.00	5
6	37540.00	20040.00	1257.00	2560.00	-613.10	1858.00	6
7	34450.00	30060.00	-23.00	5088.00	1482.00	4385.00	7
8	38690.00	14650.00	2162.00	2841.00	1720.00	4147.00	8
9	39650.00	26010.00	1413.00	4152.00	-592.00	5163.00	9
10	40040.00	26780.00	320.50	4870.00	553.00	5314.00	10
11	41000.00	27750.00	1007.00	4995.00	466.50	5401.00	11
12	39270.00	27550.00	476.50	5401.00	-1413.00	7280.00	12
13	38890.00	7130.00	2600.00	1467.00	488.60	1015.00	13
14	42740.00	9057.00	2163.00	1530.00	445.40	1361.00	14
15	40620.00	7709.00	2443.00	1686.00	143.00	1318.00	15
16	41970.00	6360.00	2225.00	905.30	683.00	1080.00	16
17	39460.00	9635.00	2412.00	2279.00	207.80	1642.00	17
18	38890.00	13680.00	2318.00	2747.00	1763.00	4104.00	18
19	38500.00	14070.00	2350.00	2716.00	-1845.00	4126.00	19
20	37540.00	16960.00	2443.00	3059.00	1741.00	4126.00	20
21	38500.00	24860.00	2162.00	3465.00	596.50	5271.00	21
22	40430.00	32180.00	663.50	5651.00	-95.00	5962.00	22

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 163

TGW 21500 TBCG 22.4 FWD FLIGHT DATE 10/04/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
1	350.60	1113.00	859.30	225.10	1081.00	406.30	1
2	86.28	1016.00	971.80	232.60	1058.00	414.00	2
3	-303.30	1266.00	806.80	322.60	1089.00	521.30	3
4	-233.70	1336.00	911.80	277.60	1089.00	536.70	4
5	-581.50	1850.00	746.80	412.60	997.10	674.70	5
6	-873.70	1753.00	814.30	465.20	1127.00	682.30	6
7	-1068.00	2449.00	859.30	975.30	1173.00	897.00	7
8	16.72	1336.00	874.30	240.10	974.10	314.30	8
9	-1013.00	2254.00	904.30	450.20	1104.00	567.30	9
10	-1208.00	2449.00	979.30	585.20	1150.00	644.00	10
11	-1402.00	2643.00	934.30	540.20	1089.00	567.30	11
12	-1820.00	2922.00	941.80	577.70	1081.00	621.00	12
13	197.60	403.50	926.80	217.60	966.40	199.30	13
14	141.90	570.40	896.80	232.60	974.10	314.30	14
15	239.30	640.00	896.80	247.60	839.70	260.70	15
16	-52.88	598.30	874.30	240.10	866.70	222.30	16
17	-136.30	1322.00	1099.00	435.10	820.70	452.30	17
18	44.54	1308.00	844.30	210.10	974.10	283.70	18
19	-247.60	1572.00	769.30	300.10	1028.00	322.00	19
20	-38.91	1391.00	866.80	292.60	974.10	314.30	20
21	-623.30	1836.00	859.30	420.20	981.80	506.00	21
22	-1458.00	2727.00	949.30	720.30	1150.00	782.00	22

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 163

TGGW 21500 TBCG 22.4 F&D FLIGHT DATE 10/04/77

EVENT	69860SDY	69860ALT	EVENT
1	2220.00	8406.00	1
2	8887.00	8986.00	2
3	3815.00	10580.00	3
4	4394.00	10290.00	4
5	10480.00	10000.00	5
6	7728.00	11300.00	6
7	2656.00	15220.00	7
8	-5461.00	9420.00	8
9	191.00	13910.00	9
10	336.50	14930.00	10
11	916.00	13770.00	11
12	2075.00	14060.00	12
13	-98.50	7537.00	13
14	7583.00	10290.00	14
15	-7635.00	7826.00	15
16	-533.50	5653.00	16
17	915.50	15220.00	17
18	-1983.00	9131.00	18
19	-2852.00	8551.00	19
20	-7345.00	9565.00	20
21	-4012.00	11160.00	21
22	-4302.00	14060.00	22

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 166
TSGW 20800 TCCR 9.7 AFT FLIGHT DATE 10/06/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	4.18	7.68	11.86	-3.56	15.76	1.26	2
3	5.32	4.51	9.89	-1.31	7.52	1.26	3
4	5.24	6.13	11.37	-3.28	7.78	1.43	4
5	4.15	6.59	10.73	-2.44	14.15	1.04	5
6	4.15	7.01	11.16	-2.93	14.80	1.17	6
7	4.11	7.26	11.37	-3.42	15.71	1.21	7
8	4.12	8.17	12.35	-4.27	15.15	1.52	8
9	3.90	4.93	8.83	-1.17	14.67	1.04	9
10	3.87	5.60	9.47	-1.73	15.80	1.13	10
11	3.87	5.95	9.82	-2.16	15.80	1.21	11

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 166
TCGW 20800 TBCG 9.7 AFT FLIGHT DATE 10/06/77

EVENT	39030SDY	39030ALT	49150SDY	69150ALT	49710SDY	49710ALT	EVENT
2	16.14	2.64	-1761.00	1894.00	15290.00	8848.00	2
3	6.51	5.89	-2708.00	7574.00	19460.00	37650.00	3
4	3.95	7.22	-4917.00	8521.00	22400.00	38510.00	4
5	14.14	2.25	-2077.00	1578.00	12520.00	5725.00	5
6	14.86	2.75	-2235.00	1736.00	12860.00	7113.00	6
7	15.67	2.66	-3497.00	2998.00	12170.00	7113.00	7
8	15.70	2.97	-2550.00	2367.00	14600.00	11280.00	8
9	14.70	4.86	-1761.00	1894.00	11650.00	8675.00	9
10	15.86	4.97	-1761.00	2209.00	11820.00	9542.00	10
11	15.86	5.25	-1761.00	2525.00	12340.00	12840.00	11

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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 166
TCGW 20800 TCCG 9.7 AFT FLIGHT DATE 10/06/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
2	4990.00	5337.00	1261.00	6728.00	-4610.00	5766.00	2
3	5068.00	13170.00	1006.00	10740.00	-7220.00	14520.00	3
4	1708.00	15100.00	928.00	10660.00	-9450.00	14560.00	4
5	5108.00	4191.00	2317.00	5436.00	-5283.00	4251.00	5
6	5148.00	4863.00	2121.00	6101.00	-5073.00	5051.00	6
7	4831.00	4942.00	2277.00	5867.00	-4484.00	5219.00	7
8	4120.00	6603.00	1339.00	7510.00	-6335.00	7155.00	8
9	4554.00	5219.00	2199.00	6101.00	-4737.00	4882.00	9
10	4515.00	5733.00	2199.00	6180.00	-4484.00	5808.00	10
11	4080.00	6879.00	1925.00	6923.00	-4736.00	7155.00	11

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 166
TGW 20800 TCG 9.7 AFT FLIGHT DATE 10/06/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT
2	-6988.00	4306.00	5986.00	18140.00	46040.00	21040.00
3	-7695.00	11760.00	1102.00	30800.00	40690.00	32990.00
4	-7759.00	9962.00	1500.00	31600.00	39440.00	34240.00
5	-7341.00	3375.00	5786.00	14550.00	46040.00	15510.00
6	-6827.00	3953.00	6185.00	17150.00	46040.00	19790.00
7	-6795.00	4049.00	6086.00	17250.00	46040.00	19960.00
8	-8819.00	6267.00	6584.00	22530.00	47910.00	25770.00
9	-5992.00	4274.00	5886.00	17050.00	46130.00	20060.00
10	-5509.00	4628.00	6285.00	20240.00	45770.00	24520.00
11	-4931.00	5785.00	6983.00	22530.00	45510.00	23000.00

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 166
TCGW 20800 TSCG 9.7 AFT FLIGHT DATE 10/06/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	EVENT
2	35440.00	19600.00	1721.00	3302.00	2
3	31280.00	45520.00	-1274.00	6050.00	3
4	34840.00	41960.00	-4730.00	7840.00	4
5	36230.00	12870.00	1721.00	2870.00	5
6	35630.00	17810.00	1813.00	3210.00	6
7	36030.00	18210.00	1751.00	3395.00	7
8	37020.00	25530.00	1659.00	3858.00	8
9	36420.00	18010.00	1690.00	3271.00	9
10	35830.00	23550.00	1813.00	3580.00	10
11	35830.00	27910.00	1813.00	3827.00	11

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 166
TSGW 20800 TBCG 9.7 AFT FLIGHT DATE 10/06/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	-63.53	1522.00	647.30	401.20	991.30	366.70	2
3	-2228.00	3658.00	1079.00	953.80	1289.00	924.30	3
4	-1669.00	4384.00	980.30	840.20	1411.00	878.40	4
5	131.90	1382.00	791.10	196.80	1007.00	275.00	5
6	76.09	1522.00	791.10	242.20	998.90	328.40	6
7	-35.63	1494.00	760.80	272.50	960.80	320.80	7
8	90.03	1787.00	798.70	386.00	983.70	435.40	8
9	34.19	1592.00	844.10	249.80	991.30	320.80	9
10	-77.50	1619.00	791.10	302.80	976.00	366.70	10
11	-133.30	1703.00	632.10	492.00	976.00	443.00	11

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 166
TSGW 20800 TCG 9.7 AFT FLIGHT DATE 10/06/77

EVENT	A9860SDY	69860ALT	EVENT
2	-11040.00	12160.00	2
3	-48900.00	17080.00	3
4	-44270.00	17950.00	4
5	256.50	10140.00	5
6	-2784.00	11440.00	6
7	-10020.00	11440.00	7
8	-4811.00	14340.00	8
9	-1771.00	11000.00	9
10	-9300.00	11580.00	10
11	-8866.00	12890.00	11

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 167
TGW 25000 TBCG 4.35 FWD FLIGHT DATE 10/06/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
4	4.01	2.78	7.35	1.08	14.41	1.04	4
5	4.57	8.77	13.48	-4.20	15.80	1.47	5
6	5.80	10.64	16.44	-4.83	16.36	2.38	6
7	7.03	12.29	19.32	-5.26	17.84	3.51	7
8	6.15	11.06	17.21	-4.90	18.79	3.08	8
9	5.17	10.00	15.17	-4.90	14.41	1.82	9
10	7.85	13.10	20.95	-5.40	16.32	3.56	10
11	5.66	8.17	13.90	-3.43	12.55	1.34	11
12	4.96	8.38	13.34	-3.43	13.29	1.30	12
13	3.83	7.96	12.28	-4.13	12.98	1.26	13
15	.66	1.48	2.14	-1.66	4.66	1.69	15

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 167

TGW 25000 TCG 4.35 FWD FLIGHT DATE 10/06/77

EVENT	29030SDY	39030ALT	49150SDY	69150ALT	49710SDY	49710ALT	EVENT
4	12.20	2.92	-1607.00	2050.00	10110.00	10580.00	4
5	15.59	2.47	-2396.00	4100.00	20350.00	23940.00	5
6	16.64	2.58	-4000.00	4000.00	23470.00	29140.00	6
7	18.31	3.08	-4000.00	4000.00	3691.00	34000.00	7
8	17.92	4.42	-4000.00	5000.00	10980.00	29840.00	8
9	13.98	2.75	-4000.00	4500.00	19650.00	28800.00	9
10	13.59	4.75	-6000.00	8000.00	3171.00	39030.00	10
11	11.65	3.42	-2711.00	3469.00	14100.00	19780.00	11
12	12.76	3.53	-2080.00	2523.00	10280.00	13880.00	12
13	12.01	3.94	-2869.00	2681.00	14620.00	13360.00	13
15	5.59	1.47	-2711.00	1262.00	3517.00	3643.00	15

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 167

TGGW 25000 TBCG 4.35 FWD FLIGHT DATE 10/06/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
4	4406.00	4229.00	3096.00	3481.00	-4184.00	3744.00	4
5	3521.00	10040.00	2158.00	5984.00	-6330.00	11360.00	5
6	4248.00	10870.00	1336.00	7040.00	-5657.00	13970.00	6
7	3956.00	10390.00	202.00	9113.00	-4058.00	11860.00	7
8	3956.00	10790.00	1767.00	7158.00	-5909.00	12960.00	8
9	4035.00	11030.00	593.00	7705.00	-6372.00	12750.00	9
10	3877.00	13640.00	1708.00	11440.00	-5825.00	15820.00	10
11	4035.00	7549.00	1180.00	5789.00	-5446.00	13000.00	11
12	5260.00	5138.00	1727.00	5945.00	-5657.00	9760.00	12
13	4667.00	4624.00	2510.00	5084.00	-7507.00	10260.00	13
15	1190.00	1699.00	867.30	1095.00	191.20	1304.00	15

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 167
TGW 25000 TCG 4.35 FWD FLIGHT DATE 10/06/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
4	-8139.00	4241.00	-173.00	12360.00	37950.00	12760.00	4
5	-7978.00	8578.00	3615.00	23920.00	45620.00	27920.00	5
6	-6886.00	9991.00	1821.00	28910.00	41960.00	31750.00	6
7	-6790.00	10220.00	2718.00	38970.00	29560.00	44160.00	7
8	-7464.00	10950.00	6406.00	29900.00	40080.00	33630.00	8
9	-8492.00	10500.00	26.50	29900.00	39460.00	34250.00	9
10	-6646.00	13600.00	-2665.00	48340.00	28170.00	45540.00	10
11	-5280.00	11530.00	5608.00	20140.00	46240.00	22480.00	11
12	-6244.00	8063.00	4811.00	16350.00	44460.00	18740.00	12
13	-7882.00	7839.00	5210.00	15950.00	48210.00	17660.00	13
15	374.30	1124.00	9994.00	5183.00	23940.00	3926.00	15

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 167
TGW 25000 TOCG 4.35 FWD FLIGHT DATE 10/06/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
4	32660.00	11680.00	1006.00	1668.00	-286.10	1020.00	4
5	39200.00	25350.00	264.50	5127.00	-351.50	5860.00	5
6	41970.00	40000.00	-1126.00	6640.00	-1328.00	5144.00	6
7	32000.00	59000.00	-2268.00	7782.00	-2131.00	6121.00	7
8	31860.00	39800.00	202.50	6980.00	-2435.00	5686.00	8
9	34440.00	40400.00	-2237.00	7072.00	-1545.00	5708.00	9
10	32000.00	64500.00	-6129.00	11150.00	-3738.00	8248.00	10
11	38210.00	23170.00	1098.00	3613.00	1689.00	3472.00	11
12	38210.00	16040.00	1932.00	2347.00	2101.00	3754.00	12
13	39200.00	16640.00	2025.00	2130.00	842.50	2235.00	13
15	18010.00	3367.00	1871.00	308.80	668.80	586.00	15

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 167
TCGW 25000 TBCG 4.35 FWD FLIGHT DATE 10/06/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
4	-174.70	684.10	972.20	318.10	983.50	221.80	4
5	-1194.00	2206.00	767.70	628.60	1106.00	726.70	5
6	-593.50	2862.00	563.20	772.50	1014.00	849.10	6
7	-1110.00	4328.00	563.20	787.60	1129.00	764.90	7
8	-1669.00	3881.00	828.30	780.00	1114.00	810.80	8
9	-1571.00	3253.00	752.50	734.60	1129.00	826.10	9
10	-2116.00	5305.00	1010.00	1098.00	1029.00	971.50	10
11	-1138.00	2318.00	851.00	484.70	1060.00	818.50	11
12	-258.40	1466.00	858.60	340.80	1006.00	596.70	12
13	-21.09	1145.00	858.60	340.80	1190.00	627.30	13
15	244.20	181.50	646.50	113.60	455.70	91.78	15

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 167
TGW 25000 TCG 4.35 FWD FLIGHT DATE 10/06/77

EVENT	49860SDY	69860ALT	EVENT
4	-17110.00	7530.00	4
5	-11470.00	13470.00	5
6	-26230.00	20130.00	6
7	-27830.00	26350.00	7
8	-33180.00	22440.00	8
9	-4371.00	19400.00	9
10	-33330.00	33310.00	10
11	12280.00	12310.00	11
12	7069.00	10860.00	12
13	7069.00	10280.00	13
15	20970.00	3331.00	15

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CH-4A FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 177
TCGW 20800 TBCG 9.7 AFT FLIGHT DATE 10/20/77

EVENT	39010SDY	39010ALT	39010MAX	39010MIN	39020SDY	39020ALT	EVENT
2	.84	.84	1.68	-.00	8.74	.17	2
3	4.31	7.95	12.25	-3.64	13.71	1.13	3
4	4.34	8.75	13.09	-4.41	15.72	1.40	4
5	4.13	8.40	12.53	-4.27	16.20	1.35	5
6	4.44	8.86	13.30	-4.41	15.98	1.39	6
7	4.69	8.61	13.37	-3.99	14.24	1.48	7
8	5.49	10.12	15.61	-4.62	14.72	1.70	8
9	5.18	9.52	14.70	-4.48	15.02	1.65	9
10	4.38	8.79	13.16	-4.41	13.54	1.31	10
11	4.76	8.82	13.58	-4.20	15.50	1.52	11
12	4.62	8.96	13.58	-4.34	15.76	1.52	12
13	5.11	9.52	14.63	-4.48	16.63	1.61	13
14	4.90	9.38	14.28	-4.48	15.85	1.70	14
15	3.71	4.34	8.05	-.70	7.22	.39	15
16	3.92	4.97	8.89	-1.12	7.35	.52	16
17	3.64	5.18	9.10	-1.54	7.70	.61	17
18	5.22	7.18	12.39	-2.03	9.75	1.18	18
19	4.10	7.11	11.27	-3.08	13.98	1.22	19
20	4.41	8.40	12.81	-3.99	15.89	1.48	20
21	5.11	9.52	14.63	-4.41	16.24	1.74	21
22	4.27	8.33	12.60	-4.06	15.89	1.48	22
23	4.62	8.96	14.00	-4.34	15.41	1.87	23
24	4.34	6.65	10.99	-2.31	13.93	1.18	24
25	4.65	8.58	13.23	-3.92	15.76	1.61	25
26	4.20	7.84	12.04	-3.64	15.37	1.39	26
27	4.80	8.79	13.58	-3.99	14.15	1.74	27
28	4.94	9.70	14.63	-4.76	14.19	1.35	28
29	4.20	8.61	13.02	-4.48	13.15	1.44	29
30	4.83	9.52	14.35	-4.69	13.41	1.52	30
31	4.52	8.93	13.58	-4.55	12.84	1.48	31
32	3.60	8.16	12.18	-4.55	12.67	1.13	32
33	4.94	9.49	14.42	-4.55	13.32	1.44	33
34	5.95	10.50	16.45	-4.76	15.02	2.35	34
35	5.46	9.80	15.26	-4.62	15.11	1.83	35
36	4.86	9.14	14.00	-4.27	16.20	2.22	36
37	4.41	7.35	11.76	-2.94	15.06	1.44	37
38	4.38	7.53	11.97	-3.15	15.89	1.39	38
39	5.08	9.49	14.56	-4.41	15.24	1.79	39
40	4.27	7.28	11.55	-3.08	14.50	1.22	40
41	4.31	7.32	11.62	-3.15	15.37	1.22	41
42	3.78	7.84	11.76	-4.06	15.15	1.44	42
43	4.69	9.10	13.79	-4.41	15.11	1.83	43
44	4.62	9.17	13.86	-4.55	14.15	1.92	44
45	4.38	5.99	10.36	-1.61	13.06	.83	45
46	1.19	.84	2.03	.21	6.87	.13	46

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CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 177
TGW 20800 TCG 9.7 AFT FLIGHT DATE 10/20/77

EVENT	39030SDY	39030ALT	49710SDY	49710ALT	EVENT
2	5.47	.93	3680.00	8321.00	2
3	13.64	.93	15120.00	11090.00	3
4	15.32	2.56	18590.00	22880.00	4
5	15.72	2.69	16160.00	17330.00	5
6	15.59	2.83	14600.00	23050.00	6
7	13.34	3.15	16510.00	27390.00	7
8	13.98	3.15	15990.00	30330.00	8
9	12.94	3.49	16510.00	28770.00	9
10	12.41	2.32	14950.00	23750.00	10
11	15.40	2.75	16510.00	23920.00	11
12	15.85	2.72	15640.00	23750.00	12
13	15.14	2.83	13560.00	31370.00	13
14	15.24	3.07	16160.00	27730.00	14
15	5.39	2.56	8187.00	19410.00	15
16	6.09	3.41	8880.00	22880.00	16
17	5.64	3.63	10090.00	22010.00	17
18	8.22	3.52	10960.00	26690.00	18
19	13.74	2.53	13730.00	8667.00	19
20	15.50	2.64	16330.00	20280.00	20
21	14.89	3.09	14600.00	29990.00	21
22	15.27	2.99	14950.00	20630.00	22
23	14.52	3.31	15290.00	27560.00	23
24	13.77	2.72	10790.00	7107.00	24
25	15.03	2.75	14770.00	23570.00	25
26	14.84	3.31	11830.00	14730.00	26
27	14.41	3.04	13730.00	22190.00	27
28	11.58	5.55	3160.00	15770.00	28
29	11.48	5.71	12520.00	10570.00	29
30	11.42	4.96	6280.00	13350.00	30
31	11.21	6.99	14950.00	12650.00	31
32	10.94	7.36	12520.00	13000.00	32
33	11.74	5.87	9574.00	18720.00	33
34	13.45	4.64	21360.00	28430.00	34
35	14.12	2.53	10270.00	23920.00	35
36	13.40	2.61	15640.00	19240.00	36
37	14.30	2.67	12690.00	9707.00	37
38	14.86	2.48	12520.00	8494.00	38
39	14.63	3.31	15290.00	25830.00	39
40	13.69	2.53	12520.00	13000.00	40
41	14.78	2.56	12350.00	9361.00	41
42	14.79	3.15	12690.00	14910.00	42
43	15.03	3.33	16160.00	20800.00	43
44	12.76	3.41	12520.00	21670.00	44
45	12.54	3.73	10440.00	20630.00	45
46	5.69	1.09	906.00	7280.00	46

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CH-4A FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 177
TOGW 20800 TCG 9.7 AFT FLIGHT DATE 10/20/77

EVENT	49720SDY	49720ALT	49730SDY	69730ALT	49740SDY	49740ALT	EVENT
2	863.00	3242.00	687.10	3287.00	723.60	3779.00	2
3	4580.00	5535.00	2292.00	4501.00	-4988.00	6132.00	3
4	3670.00	9529.00	2057.00	5596.00	-5408.00	10920.00	4
5	4303.00	8106.00	2370.00	5439.00	-5534.00	8358.00	5
6	3552.00	9174.00	2722.00	5557.00	-5199.00	9534.00	6
7	2247.00	12060.00	882.50	7945.00	-4485.00	11170.00	7
8	3433.00	11030.00	2096.00	6654.00	-6122.00	13900.00	8
9	4501.00	10830.00	608.50	6497.00	-6332.00	13440.00	9
10	4066.00	9846.00	1783.00	5557.00	-4694.00	12050.00	10
11	3868.00	9727.00	2135.00	6380.00	-5828.00	10330.00	11
12	3789.00	10280.00	2252.00	6497.00	-5367.00	10540.00	12
13	3750.00	11590.00	1704.00	6731.00	-5030.00	11470.00	13
14	3117.00	11350.00	1235.00	7984.00	-4653.00	10920.00	14
15	2207.00	7038.00	725.90	4735.00	-4022.00	5334.00	15
16	2722.00	7948.00	99.50	5362.00	-5450.00	6846.00	16
17	2128.00	7038.00	334.50	5440.00	-6122.00	5838.00	17
18	3275.00	8818.00	764.50	7045.00	-5954.00	8778.00	18
19	4896.00	4824.00	2096.00	5557.00	-5702.00	4998.00	19
20	4935.00	9371.00	1900.00	6379.00	-6164.00	10250.00	20
21	3552.00	11310.00	1861.00	7593.00	-6500.00	11680.00	21
22	4738.00	9964.00	1431.00	7084.00	-6332.00	9743.00	22
23	3512.00	12850.00	882.50	8728.00	-6794.00	12890.00	23
24	4857.00	4784.00	1861.00	6184.00	-4820.00	4704.00	24
25	4975.00	10440.00	1900.00	7084.00	-6416.00	11260.00	25
26	4738.00	7196.00	1078.00	7905.00	-4778.00	7686.00	26
27	3473.00	12020.00	1195.00	9510.00	-7550.00	12560.00	27
28	3512.00	6050.00	2643.00	5166.00	-7382.00	8022.00	28
29	5291.00	3954.00	1782.00	4931.00	-7046.00	7434.00	29
30	3829.00	4784.00	1822.00	5518.00	-6500.00	7980.00	30
31	5015.00	4547.00	1705.00	5322.00	-8096.00	8819.00	31
32	3987.00	4230.00	2996.00	4657.00	-6332.00	8652.00	32
33	5371.00	7670.00	2605.00	5361.00	-5535.00	10290.00	33
34	4224.00	10480.00	119.00	10040.00	-5954.00	13150.00	34
35	4778.00	10080.00	451.50	7984.00	-5408.00	13100.00	35
36	4026.00	8620.00	2722.00	6653.00	-7130.00	9365.00	36
37	5173.00	5970.00	2135.00	6301.00	-6290.00	5586.00	37
38	4936.00	5496.00	1744.00	6458.00	-5114.00	6006.00	38
39	4105.00	13130.00	1665.00	9197.00	-5114.00	12640.00	39
40	5015.00	6445.00	1470.00	6262.00	-6038.00	6342.00	40
41	4698.00	5417.00	1822.00	5988.00	-4862.00	5754.00	41
42	3591.00	7948.00	764.50	7671.00	-5156.00	7980.00	42
43	3987.00	11660.00	-135.50	9354.00	-6206.00	11720.00	43
44	3750.00	11590.00	2.00	9921.00	-7004.00	11170.00	44
45	3987.00	7868.00	3779.00	7945.00	-1503.00	11130.00	45
46	981.80	3677.00	374.00	2505.00	-956.00	2436.00	46

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CH-46 COMPOSITE ROTOR BLADE FLIGHT STRESS SURVEY DATA. VOLUME X--ETC(U)

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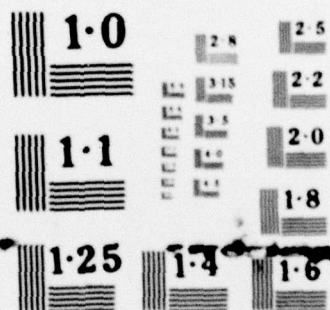
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CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 177
TSGW 20800 TSCG 9.7 AFT FLIGHT DATE 10/20/77

EVENT	49750SDY	49750ALT	49760SDY	49760ALT	49770SDY	49770ALT	EVENT
2	324.70	3661.00	3874.00	4526.00	47720.00	6331.00	2
3	-7761.00	4871.00	4366.00	14860.00	54940.00	15510.00	3
4	-7315.00	8245.00	5448.00	22630.00	54140.00	24870.00	4
5	-7379.00	7162.00	4858.00	19680.00	54040.00	21570.00	5
6	-4806.00	7608.00	4956.00	23120.00	53960.00	25050.00	6
7	-4992.00	9486.00	8203.00	29710.00	51910.00	27100.00	7
8	-4079.00	10600.00	4366.00	32570.00	48610.00	30400.00	8
9	-7474.00	10700.00	5054.00	28530.00	51010.00	27990.00	9
10	-4965.00	10250.00	4366.00	22730.00	54050.00	24960.00	10
11	-7411.00	8467.00	7514.00	24300.00	53510.00	25500.00	11
12	-4870.00	8181.00	7413.00	25580.00	52620.00	26390.00	12
13	-5501.00	9040.00	8695.00	28240.00	50210.00	28800.00	13
14	-5756.00	9677.00	9187.00	29520.00	51550.00	27460.00	14
15	-4705.00	5444.00	5448.00	12000.00	61090.00	16320.00	15
16	-5533.00	5953.00	6235.00	16140.00	59480.00	19520.00	16
17	-4424.00	5826.00	3973.00	15450.00	59220.00	19790.00	17
18	-7729.00	8086.00	4071.00	20860.00	53780.00	25230.00	18
19	-7825.00	3916.00	6628.00	16330.00	54850.00	17740.00	19
20	-7920.00	8340.00	4562.00	24500.00	53240.00	25770.00	20
21	-5819.00	9614.00	6333.00	31390.00	46820.00	32190.00	21
22	-4302.00	8277.00	4563.00	24690.00	52080.00	26920.00	22
23	-4137.00	9232.00	10370.00	32270.00	49500.00	29510.00	23
24	-7188.00	3597.00	8498.00	18000.00	55740.00	20420.00	24
25	-7888.00	8818.00	3382.00	25680.00	51280.00	27730.00	25
26	-4514.00	5571.00	9384.00	25380.00	49500.00	29510.00	26
27	-4875.00	9295.00	11350.00	31090.00	49410.00	29600.00	27
28	-4838.00	6685.00	3677.00	17710.00	50660.00	18370.00	28
29	-5947.00	5921.00	4858.00	15350.00	52710.00	18090.00	29
30	-4456.00	6812.00	6137.00	15450.00	49770.00	17120.00	30
31	-4111.00	6812.00	3972.00	16630.00	51550.00	21400.00	31
32	-4965.00	7513.00	5940.00	13280.00	52530.00	15600.00	32
33	-5342.00	9072.00	3382.00	18000.00	50840.00	21580.00	33
34	-4393.00	11840.00	-947.00	41030.00	39240.00	39760.00	34
35	-6774.00	9741.00	10270.00	31190.00	49770.00	29240.00	35
36	-7984.00	7449.00	5055.00	26960.00	48250.00	30760.00	36
37	-4557.00	5030.00	7612.00	18890.00	54230.00	23180.00	37
38	-4933.00	4107.00	8301.00	20370.00	54220.00	24780.00	38
39	-4169.00	9709.00	8793.00	32070.00	46650.00	32360.00	39
40	-4397.00	5571.00	7022.00	17510.00	56100.00	19880.00	40
41	-4806.00	4043.00	6826.00	18300.00	55470.00	21570.00	41
42	-7984.00	6685.00	8203.00	22240.00	54140.00	24870.00	42
43	-9098.00	9136.00	7514.00	30400.00	49320.00	29690.00	43
44	-4100.00	12730.00	12630.00	30600.00	49680.00	29330.00	44
45	-3178.00	10920.00	9186.00	16330.00	54130.00	18990.00	45
46	-471.10	2037.00	5940.00	2460.00	36840.00	2765.00	46

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FLIGHT LOADS

CH-46 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 177
TSGW 20800 TCCR 9.7 AFT FLIGHT DATE 10/20/77

EVENT	49780SDY	49780ALT	49790SDY	49790ALT	49800SDY	49800ALT	EVENT
2	43380.00	6615.00	2934.00	823.70	445.00	564.50	2
3	44880.00	12060.00	3346.00	2312.00	-336.70	2085.00	3
4	44710.00	22180.00	2205.00	4530.00	-1140.00	4104.00	4
5	44360.00	18090.00	3250.00	3168.00	-467.00	2823.00	5
6	44910.00	21980.00	2997.00	4752.00	-1553.00	4256.00	6
7	40190.00	29760.00	2395.00	5227.00	-1423.00	4777.00	7
8	41940.00	39290.00	1381.00	6748.00	-2161.00	5863.00	8
9	49410.00	29370.00	1255.00	7002.00	-2270.00	5928.00	9
10	44710.00	19840.00	2173.00	4562.00	-1683.00	3822.00	10
11	44880.00	24510.00	2395.00	5480.00	-1053.00	4582.00	11
12	44490.00	26840.00	2934.00	5068.00	-1553.00	4777.00	12
13	47860.00	34430.00	3251.00	6462.00	-2009.00	5798.00	13
14	49410.00	31320.00	2332.00	6431.00	-3051.00	5494.00	14
15	43690.00	17700.00	4137.00	1901.00	2269.00	3474.00	15
16	42910.00	23150.00	4486.00	2122.00	2247.00	3235.00	16
17	49610.00	21790.00	4454.00	1964.00	2443.00	3214.00	17
18	48250.00	31320.00	3567.00	2851.00	-228.20	3670.00	18
19	45720.00	15180.00	3852.00	2883.00	75.84	2671.00	19
20	43960.00	23150.00	3726.00	3516.00	1400.00	4343.00	20
21	44330.00	34630.00	3029.00	6684.00	-2161.00	5993.00	21
22	44550.00	24120.00	3630.00	3548.00	444.80	3691.00	22
23	48630.00	36760.00	3029.00	5544.00	119.00	5624.00	23
24	44740.00	18480.00	3757.00	3168.00	-32.75	2910.00	24
25	42990.00	24510.00	3504.00	3928.00	-2204.00	4126.00	25
26	43380.00	34240.00	3494.00	3738.00	1465.00	4278.00	26
27	48830.00	36960.00	3726.00	4466.00	-4918.00	8230.00	27
28	44160.00	16340.00	3631.00	2407.00	488.40	2736.00	28
29	44740.00	15760.00	3694.00	2407.00	336.40	2367.00	29
30	42400.00	15560.00	3789.00	2439.00	249.60	2541.00	30
31	44160.00	19460.00	3757.00	2534.00	249.60	2323.00	31
32	44940.00	17510.00	3441.00	1837.00	2139.00	3604.00	32
33	47660.00	21010.00	3662.00	2756.00	-1140.00	2410.00	33
34	41630.00	41550.00	-171.50	9061.00	-3941.00	6862.00	34
35	48830.00	43580.00	1001.00	7508.00	-1423.00	7166.00	35
36	41630.00	30930.00	2870.00	4118.00	-1510.00	4256.00	36
37	42990.00	21790.00	3599.00	3389.00	271.30	3214.00	37
38	43380.00	23340.00	3535.00	3453.00	-141.30	3149.00	38
39	42600.00	37740.00	3029.00	5480.00	-120.00	5863.00	39
40	47080.00	17320.00	3567.00	3041.00	271.30	3214.00	40
41	45330.00	19840.00	3631.00	3231.00	141.00	3127.00	41
42	44290.00	27040.00	3472.00	4150.00	1422.00	4321.00	42
43	48830.00	39300.00	3599.00	5860.00	-1357.00	5407.00	43
44	40380.00	39680.00	1498.00	7128.00	-1836.00	6015.00	44
45	48630.00	20810.00	2427.00	2787.00	770.60	4060.00	45
46	31520.00	2918.00	3441.00	633.60	249.60	412.60	46

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FLIGHT LOADS

CH-44 FGB STRESS SURVEY

AIRCRAFT SLP1 FLIGHT 177
TCGW 20800 TCCG 9.7 AFT FLIGHT DATE 10/20/77

EVENT	49810SDY	49810ALT	49820SDY	49820ALT	49840SDY	49840ALT	EVENT
2	383.40	321.50	1105.00	227.00	704.70	237.00	2
3	-21.97	1314.00	946.20	280.00	995.20	389.90	3
4	-1252.00	2209.00	863.00	620.50	1011.00	680.50	4
5	-706.90	1831.00	946.20	461.60	1018.00	535.20	5
6	-1294.00	2251.00	953.80	590.20	1011.00	604.00	6
7	-539.20	2754.00	953.80	696.20	957.00	703.40	7
8	-790.80	3257.00	878.10	741.60	1049.00	917.50	8
9	-1043.00	3201.00	825.20	718.80	1072.00	848.70	9
10	-1154.00	2279.00	961.30	597.80	979.90	756.90	10
11	-1238.00	2362.00	893.30	590.20	1041.00	649.90	11
12	-1364.00	2348.00	923.50	620.50	1018.00	672.80	12
13	-958.60	2670.00	900.80	794.50	972.30	718.70	13
14	-1406.00	2502.00	900.80	688.60	964.60	711.10	14
15	271.60	964.60	1362.00	469.10	1095.00	336.40	15
16	33.91	1398.00	1400.00	522.10	1186.00	443.50	16
17	-105.90	1510.00	1370.00	491.80	1225.00	374.70	17
18	-1140.00	3076.00	1226.00	650.80	1163.00	573.40	18
19	-63.94	1384.00	915.90	219.40	1026.00	313.50	19
20	-734.90	1943.00	870.60	537.30	1056.00	649.90	20
21	-1434.00	2894.00	878.10	741.60	1072.00	726.30	21
22	-734.90	2279.00	915.90	537.30	1072.00	619.30	22
23	-539.20	2642.00	946.20	703.70	1087.00	818.10	23
24	-77.91	1482.00	953.80	227.00	964.60	313.50	24
25	-623.10	2195.00	885.70	597.70	1087.00	711.10	25
26	-371.50	1691.00	915.90	340.50	949.30	481.70	26
27	-720.90	2460.00	946.20	628.00	1133.00	802.80	27
28	271.60	1440.00	1067.00	325.40	1110.00	489.30	28
29	369.40	1286.00	931.10	249.70	1110.00	458.80	29
30	173.70	1398.00	855.40	325.40	1079.00	489.30	30
31	-189.70	1650.00	855.40	310.20	1186.00	550.50	31
32	-665.00	1650.00	915.90	325.40	1072.00	512.30	32
33	-623.10	1803.00	893.30	484.30	1003.00	627.00	33
34	-1113.00	4469.00	772.20	711.30	941.70	810.40	34
35	-1071.00	3285.00	885.70	673.40	972.20	779.90	35
36	-1266.00	2782.00	840.30	476.70	1095.00	581.10	36
37	-91.88	1580.00	863.00	287.50	949.30	359.30	37
38	-161.80	1510.00	847.80	287.50	964.60	374.60	38
39	-1070.00	2670.00	870.60	673.40	972.20	825.80	39
40	-91.88	1636.00	908.40	348.10	1079.00	382.30	40
41	-189.70	1398.00	931.10	264.80	964.60	359.40	41
42	-846.80	1943.00	893.30	423.80	979.90	497.00	42
43	-581.20	2936.00	946.20	597.80	1072.00	741.70	43
44	-916.80	3998.00	976.50	567.50	1041.00	726.30	44
45	-1084.00	2237.00	946.20	552.30	796.40	695.80	45
46	215.70	237.70	749.50	249.70	482.90	152.90	46

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AIRCRAFT SLP1 FLIGHT 177
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EVENT	49860SDY	49860ALT	EVENT
2	34610.00	3102.00	2
3	-1475.00	10430.00	3
4	-11770.00	12550.00	4
5	-15710.00	11980.00	5
6	-15010.00	12120.00	6
7	-2462.00	14800.00	7
8	-7677.00	16070.00	8
9	-10070.00	15080.00	9
10	-1757.00	11000.00	10
11	-12050.00	13670.00	11
12	-13460.00	13110.00	12
13	-13170.00	15080.00	13
14	-12610.00	15650.00	14
15	48430.00	6766.00	15
16	49410.00	8035.00	16
17	48150.00	8458.00	17
18	23340.00	12690.00	18
19	-1475.00	11280.00	19
20	-13880.00	12970.00	20
21	-15150.00	17060.00	21
22	-13170.00	13670.00	22
23	-10500.00	16350.00	23
24	-488.00	11420.00	24
25	-11480.00	14800.00	25
26	-5845.00	14800.00	26
27	-65.00	17480.00	27
28	217.00	11000.00	28
29	4164.00	11000.00	29
30	2754.00	11840.00	30
31	6842.00	11980.00	31
32	4843.00	10290.00	32
33	5433.00	11700.00	33
34	-7536.00	26920.00	34
35	-5845.00	20160.00	35
36	-14300.00	17340.00	36
37	-4435.00	13110.00	37
38	-11060.00	12690.00	38
39	-7536.00	17340.00	39
40	-4153.00	11700.00	40
41	-8946.00	11420.00	41
42	-4550.00	13530.00	42
43	-2603.00	18040.00	43
44	922.00	19880.00	44
45	14150.00	8881.00	45
46	28130.00	1410.00	46